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Fifth Census of Canada, 1911—Volume VI—Occupations of the people.

CONTENTS OF VOLUME 1.

(This volume is bound in three parts.)

1. Report of the Auditor General for the year ended 31st March, 1915, Volume 1, Parts a b and A to L; Volume III, Parts V to Z. Presented by Sir Thomas White, February 7 1916.
Printed for distribution and sessional papers.

1. Report of the Auditor General for the year ended 31st March, 1915, Volume II, Parts M to U. Presented by Sir Thomas White, February 10, 1916.
Printed for distribution and sessional papers.

1. Report of the Auditor General for the year ended 31st March, 1915, Volume IV, part ZZ. Presented by Sir Thomas White, February 14, 1916.
Printed for distribution and sessional papers.

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2. The Public Accounts of Canada for the fiscal year ending March 31, 1915. Presented by Sir Thomas White, February 1, 1916.. ..*Printed for distribution and sessional papers.*

3. Estimates of sums required for the service of the Dominion for the year ending March 31, 1917. Presented by Sir Thomas White, 1916.
Printed for distribution and sessional papers.

4. Supplementary Estimates of sums required for the service of the Dominion for the year ending March 31, 1916. Presented by Sir Thomas White, 1916.
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5. Supplementary Estimates of sums required for the service of the Dominion for the year ending March 31, 1917. Presented by Sir Thomas White, 1916.
Printed for distribution and sessional papers.

5*a*. Further Supplementary Estimates for the service of the Dominion for the year ending March 31, 1917. Presented by Sir Thomas White, 1916.
Printed for distribution and sessional papers.

5*b*. Further Supplementary Estimates for the fiscal year ending March 31, 1917. Presented by Sir Thomas White, May 1916.. .. .. ..*Printed for distribution and sessional papers.*

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6. List of Shareholders in the Chartered Banks of the Dominion of Canada as on December 31, 1915. Presented by Sir Thomas White, February 1, 1916.
Printed for distribution and sessional papers.

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7. Report on certified cheques, drafts or bills of exchange, dividends, remaining unpaid and unclaimed balances in Chartered Banks of the Dominion of Canada, for five years and upwards prior to December 31, 1915. Presented by Sir Thomas White, February 1, 1916.
Printed for distribution and sessional papers.

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(This volume is bound in two parts.)

8. Report of the Superintendent of Insurance for the year 1915. Presented by Sir Thomas White, 1916.. .. ..*Printed for distribution and sessional papers.*

9. Abstract of Statements of Insurance Companies in Canada for the year ended December 31, 1915. Presented by Sir Thomas White, April 10, 1916.
Printed for distribution and sessional papers.

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10. Report of the Department of Trade and Commerce for the fiscal year ended March 31, 1915: Part I.—Canadian Trade (Imports in and Exports from Canada). Presented by Sir George Foster, January 13, 1916.. ..*Printed for distribution and sessional papers.*

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10*a*. Report of the Department of Trade and Commerce for the fiscal year ended March 31, 1915: Part II.—Canadian Trade with (1) France, (2) Germany, (3) United Kingdom, (4) United States. Presented by Sir George Foster, 1916.
Printed for distribution and sessional papers.

10*b*. Report of the Department of Trade and Commerce for the fiscal year ended March 31, 1915: Part III.—Canadian Trade with foreign countries (except France, Germany, the United Kingdom and United States). Presented by Sir George Foster, 1916.
Printed for distribution and sessional papers.

10*c*. Report of the Department of Trade and Commerce for the fiscal year ended March 31, 1916: (Part IV.—Miscellaneous Information.) Presented by Sir George Foster, 1916.
Printed for distribution and sessional papers.

10*d*. Report of the Grain Commissioners for Canada. (Part V.) Presented by Sir George Foster, 1916.. .. ..*Printed for distribution and sessional papers.*

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10*e*. Report of the Department of Trade and Commerce for the fiscal year ended March 31, 1915: Part VI.—Subsidized Steamship Services, with statistics showing steamship traffic to December 31, 1915, and Estimates for the fiscal year 1916-17. Presented by Sir George Foster, 1916.. .. ..*Printed for distribution and sessional papers.*

10*f*. Report of Trade and Commerce for the fiscal year ended March 31, 1915: Part VII.—Trade of Foreign Countries, Treaties and Conventions. Presented by Sir George Foster, 1916.
Printed for distribution and sessional papers.

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11. Report of the Department of Customs for the year ended March 31, 1915. Presented by Hon. Mr. Reid, January 18, 1916.. .. ..*Printed for distribution and sessional papers.*

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12, 13, 14. Reports, Returns and Statistics of the Inland Revenue of the Dominion of Canada, for the year ended March 31, 1915. Part I.—Excise. Part II.—Inspection of Weights and Measures, Gas and Electricity. Part III.—Adulteration of Food. Presented by Hon. Mr. Patenaude, February 18, 1916..*Printed for distribution and sessional papers.*

CONTENTS OF VOLUME 11.

15. Report of the Minister of Agriculture for the Dominion of Canada, for the year ended March 31, 1915. Presented by Hon. Mr. Burrell, January 20, 1916.
Printed for distribution and sessional papers.

15*a*. Report of the Dairy and Cold Storage Commissioner for the fiscal year ending March 31, 1915. (Dairying, Fruit, Extension of Markets and Cold Storage.) Presented by Hon. Mr. Burrell, February 1, 1916.. .. ..*Printed for distribution and sessional papers.*

15*b*. Report of the Veterinary Director General for the year ending March 31, 1915. Presented by Hon. Mr. Burrell, 1916.. .. ..*Printed for distribution and sessional papers.*

15*c*. Report on "The Agricultural Instruction Act," 1914-15, pursuant to Section 8, Chapter 5 of 3-4 George V. Presented by Hon. Mr. Burrell January 24, 1916.
Printed for distribution and sessional papers.

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16. Report of the Director and Officers of the Experimental Farms for the year ending March 31, 1915. Presented by Hon. Mr. Burrell, January 31, 1916.
Printed for distribution and sessional papers.

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17. Criminal Statistics for the year ended September 30, 1914. (Appendix to the Report of the Minister of Trade and Commerce for the year 1914.) Presented by Sir George Foster, 1916.. .. ..*Printed for distribution and sessional papers.*

18. Return of By-elections for the House of Commons of Canada held during the year 1915. Presented by Hon. Mr. Speaker, 1916.. ..*Printed for distribution and sessional papers.*

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19. Report of the Minister of Public Works on the works under his control for the fiscal year ended March 31, 1915. Presented by Hon. Mr. Rogers, January 13, 1916.
Printed for distribution and sessional papers.

19*a*. Ottawa River Storage for year 1915.. .. ..*Printed for distribution and sessional papers.*

19*b*. Interim Report of the Commission appointed to examine into certain general conditions of Transportation bearing on the economic problem of the proposed Georgian Bay Canal. Presented by Hon. Mr. Rogers, April 14, 1916.
Printed for distribution and sessional papers.

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20. Annual Report of the Department of Railways and Canals, for the fiscal year from April 1, 1914, to March 31, 1915. Presented by Hon. Mr. Cochrane, February 2, 1916.
Printed for distribution and sessional papers.

20*a*. Canal Statistics for the season of navigation, 1915. Presented by Hon. Mr. Reid, May 17, 1916.. .. ..*Printed for distribution and sessional papers.*

20*b*. Railway Statistics of the Dominion of Canada, for the year ended June 30, 1915. Presented by Hon. Mr. Cochrane, April 4, 1916.. ..*Printed for distribution and sessional papers.*

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20*c*. Tenth Report of the Board of Railway Commissioners for Canada, for the year ending March 31, 1915. Presented by Hon. Mr. Cochrane, February 2, 1916.
Printed for distribution and sessional papers.

20*d*. Telephone Statistics of the Dominion of Canada, for the year ended June 30, 1915. Presented by Hon. Mr. Cochrane, April 13, 1915.
Printed for distribution and sessional papers.

20*e*. Express Statistics of the Dominion of Canada, for the year ended June 30, 1915. Presented by Hon. Mr. Cochrane, April 13, 1916.. ..*Printed for distribution and sessional papers.*

20*f*. Telegraph Statistics of the Dominion of Canada, for the year ended June 30, 1915. Presented by Hon. Mr. Cochrane, May 16, 1916.
Printed for distribution and sessional papers.

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21. Forty-eighth Annual Report of the Department of Marine and Fisheries, for the year 1914-1915.—Marine. Presented by Hon. Mr. Hazen, January 13, 1916.
Printed for distribution and sessional papers.

22. List of Shipping issued by the Department of Marine and Fisheries, being a list of vessels on the registry books of the Dominion of Canada on December 31, 1915. Presented by Hon. Mr. Hazen, 1916.. .. ..*Printed for distribution and sessional papers.*

23. Supplement to the Forty-eighth Annual Report of the Department of Marine and Fisheries for the fiscal year 1914-15. Marine.—Steamboat Inspection Report.
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24. Report of the Postmaster General for the year ended March 31, 1915. Presented by Hon. Mr. Casgrain, January 13, 1916.. .. ....*Printed for distribution and sessional papers.*

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25. Annual Report of the Department of the Interior for the fiscal year ending March 31, 1915. Presented by Hon. Mr. Roche, January 13, 1916.
Printed for distribution and sessional papers.

25*b*. Annual Report of the Topographical Surveys Branch of the Department of the Interior, 1914-15. Presented by Hon. Mr. Roche, May 1, 1916.
Printed for distribution and sessional papers.

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25*c*. Report of progress of stream measurements for the calendar year 1915. Presented by Hon. Mr. Roche, 1916.. .. ..*Printed for distribution and sessional papers.*

25*d*. Fourteenth Report of the Geographic Board of Canada for year ended March 31, 1915.
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25*e*. British Columbia Hydrographic Surveys .. ..*Printed for distribution and sessional papers.*

25*f*. Manitoba Hydrographic Surveys, 1912-14.. ..*Printed for distribution and sessional papers.*

25*g* Report of the Chief Medical Officer Department of the Interior, for 1915.
Printed for distribution and sessional papers.

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26. Summary Report of the Geological Survey Department of Mines, for the calendar year 1914. Presented by Hon. Mr. Roche, 1916.
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26*a*. Summary Report of the Mines Branch for the calendar year 1914. Presented by Hon. Mr. Roche, 1916.. .. ..*Printed for distribution and sessional papers.*

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27. Report of the Department of Indian Affairs for the year ended March 31, 1915. Presented by Hon. Mr. Roche, January 19, 1916..*Printed for distribution and sessional papers.*

28. Report of the Royal Northwest Mounted Police, 1915. Presented by Sir Robert Borden, January 19, 1916.. .. ..*Printed for distribution and sessional papers.*

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29. Report of the Secretary of State of Canada for the year ended March 31, 1915. Presented by Hon. Mr. Blondin, February 28, 1916.
Printed for distribution and sessional papers.

29*a*. Report of the work of the Public Archives for the year 1914. Presented, 1916.
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30. The Civil Service List of Canada for 1915. Presented by Hon. Mr. Patenaude 1916.
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31. Annual Report of the Civil Service Commission of Canada for the year ended August 31, 1915. Presented by Hon. Mr. Patenaude, 1916.
Printed for distribution and sessional papers.

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32. Annual Report of the Department of Public Printing and Stationery for the fiscal year ended March 31, 1915. Presented by Hon. Mr. Blondin, March 20, 1916.
Printed for distribution and sessional papers.

33. Report of the Secretary of State for External Affairs for the year ended March 31, 1915. Presented by Sir Robert Borden, February 23, 1916.
Printed for distribution and sessional papers.

34. Report of the Minister of Justice as to Penitentiaries of Canada for the fiscal year ending March 31, 1915.. .. ..*Printed for distribution and sessional papers.*

35. Report of the Militia Council for the Dominion of Canada, for the fiscal year ending March 31, 1915. Presented by Sir Sam Hughes, February 21, 1916.
Printed for distribution and sessional papers.

35*a*. Employment for the Expeditionary Forces after the war. Presented, 1916.
Printed for distribution and sessional papers.

36. Report of the Department of Labour for the fiscal year ending March 31, 1915. Presented by Hon. Mr. Crothers, January 25, 1916.
Printed for distribution and sessional papers.

36*a*. Eighth Report of the Registrar of Boards of Conciliation and Investigations of the proceedings under "The Industrial Disputes Investigation Act, 1907," for the fiscal year ending March 31, 1915. Presented by Hon. Mr. Crothers, January 25, 1916.
Printed for distribution and sessional papers.

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37. Eleventh Annual Report of the Commissioners of the Transcontinental Railway, for the year ended March 31, 1914. Presented by Hon. Mr. Cochrane, February 2, 1916.
Printed for distribution and sessional papers.

38. Report of the Department of the Naval Service, for the fiscal year ending March 31, 1915. Presented by Hon. Mr. Hazen, January 13, 1916.
Printed for distribution and sessional papers.

38*a*. Supplement to the Report of the Naval Service—Contributions to Canadian Biology, 1914-15. Presented by Hon. Mr. Hazen, 1916.
Printed for distribution and sessional papers.

38*b*. Natural History of the Herring. Presented, 1916.
Printed for distribution and sessional papers.

39. Forty-eighth Annual Report of the Fisheries Branch of the Department of the Naval Service, 1914-1915. Presented by Hon. Mr. Hazen, January 13, 1916.
Printed for distribution and sessional papers.

40. The Report of the Joint Librarians of Parliament. Presented by Hon. Mr. Speaker, January 13, 1916.. .. ..*Not printed.*

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41. Copies of Orders in Council authorizing Regulations for the Department of Naval Service in accordance with Section 47, Chapter 43, 9-10 Edward VII, as follows:—

P.C. 2864, dated the 4th December, 1915, Payment of Separation Allowance in the case of Warrant Officers.

P.C. 3009, dated 21st December, 1915, with reference to application of the Naval Discipline Act, etc., for the Government of the Naval Volunteer Force.

P.C. 63/422, dated 15th October, 1915, with reference to appointment of Assistant Paymasters in charge.

P.C. 2267, dated 25th September, 1915, with reference to regulations for payment of "Detained Pay."

P.C. 93/2151, dated 17th September, 1915, with reference to allowances to officers and men employed on coding and decoding duties, etc.

P.C. 1712, dated 21st July, 1915, with reference to scheme of pensions for officers and men of the Royal Canadian Forces, etc.

CONTENTS OF VOLUME 28—*Continued.*

P.C. 748, dated 13th April, 1915, with reference to institution of the ratings of rangetaker first and second class in the Royal Canadian Navy.

P.C. 58/1470, dated 24th June, 1915, with reference to increase in amount of Separation Allowance to a motherless child from 3s. to 5s.

P.C. 85/1158, dated 20th May, 1915, with reference to revision of amounts payable on account of Separation Allowance to dependents of Royal Canadian Naval Permanent Ratings.

P.C. 756, dated 13th April, 1915, with reference to payment of Allowances to officers of the Royal Naval Canadian Volunteer Reserve for performance of duties which carry with them an Allowance to officers of the Royal Canadian Navy. Presented by Hon. Mr. Hazen, January 17, 1916.. .. ..*Not printed.*

42. Copies of Proclamations, Orders in Council and Documents relating to the European War. Presented by Sir Robert Borden, January 18, 1916.. .. ..*Not printed.*

42*a*. First Supplement to Copies of Proclamations, Orders in Council and Documents relating to the European War. Presented by Sir Robert Borden, January 18, 1916..*Not printed.*

43. Orders in Council relating to the European War, from 29th April, 1915, to 12th January, 1916, both inclusive. Presented by Sir Robert Borden, January 18, 1916..*Not printed.*

44. Copy of New Rules of Court passed by the Judges of the Supreme Court of Alberta, under the authority of Section 576 of the Criminal Code, at meeting of 27th November, 1915. Presented by Hon. Mr. Meighen, January 20, 1916.. .. ..*Not printed.*

45. Account of the average number of men employed on the Dominion Police Force during each month of the year 1915, and of their pay and travelling expenses, pursuant to Chapter 92, Section 6, Subsection 2, of the Revised Statutes of Canada. Presented by Hon. Mr. Doherty, January 20, 1916.. .. ..*Not printed.*

46. Regulations under "The Destructive Insect and Pest Act," pursuant to Section 9, Chapter 31 of 9-10 Edward VII. Presented by Hon. Mr. Burrell, January 24, 1916...*Not printed.*

47. Return of Orders in Council which have been published in the *Canada Gazette* and in the British Columbia *Gazette*, between 12th January, 1915, and the 31st December, 1915, in accordance with provisions of Subsection (*d*) of Section 38 of the regulations for the survey, administration, disposal and management of Dominion Lands within the 40-mile Railway Belt in the Province of British Columbia. Presented by Hon. Mr. Roche, January 25, 1916.. .. ..*Not printed.*

48. Return of Orders in Council which have been published in the *Canada Gazette*, between 12th January, 1915, and the 31st December, 1915, in accordance with the provisions of Section 77 of "The Dominion Lands Act," Chapter 20 of the Statutes of Canada, 1908. Presented by Hon. Mr. Roche, January 25, 1916.. .. ..*Not printed.*

49. Return of Orders in Council which have been published in the *Canada Gazette*, between the 16th January, 1915, and the 31st December, 1915, in accordance with the provisions of "The Forest Reserves and Park Act," Section 19 of Chapter 10, 1-2 George V. Presented by Hon. Mr. Roche, January 25, 1916.. .. ..*Not printed.*

50. Return of Orders in Council which have been published in the *Canada Gazette*, between the 12th January, 1915, and the 31st December, 1915, in accordance with the provisions of Section 5 of "The Dominion Lands Survey Act," Chapter 21, 7-8 Edward VII. Presented by Hon. Mr. Roche, January 25, 1916.. .. ..*Not printed.*

51. Return of Orders in Council which have been published in the *Canada Gazette*, between the 12th January, 1915, and the 31st December, 1915, in accordance with the provisions of Chapter 47, 2 George V, entitled "The Railway Belt Water Act." Presented by Hon. Mr. Roche, January 25, 1916.. .. ..*Not printed.*

52. Return of Orders in Council passed between the 16th January, 1915, and the 31st December, 1915, approving of regulations and forms prescribed in accordance with the provisions of Section 57 of the Irrigation Act, Chapter 61, Revised Statutes of Canada, 1906, as amended by Chapter 38, 7-8 Edward VII. Presented by Hon. Mr. Roche, January 25, 1916.. .. ..*Not printed.*

53. Return of Orders in Council passed under the provisions of Section 18 of Chapter 63, Revised Statutes of Canada, "An Act to provide for the Government of the Yukon Territory." Presented by Hon. Mr. Roche, January 25, 1916.. .. ..*Not printed.*

54. Return showing lands sold by the Canadian Pacific Railway Company during the year which ended on the 30th September, 1915. Presented January 25, 1916...*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

55. Return called for by Section 88 of Chapter 62, Revised Statutes of Canada, requiring that the Minister of the Interior shall lay before Parliament, each year, a return of liquor brought from any place out of Canada into the Territories by special permission in writing of the Commissioner of the Northwest Territories. Presented by Hon. Mr. Roche, January 25, 1916.. .. .. .

CONTENTS OF VOLUME 28—*Continued.*

72. Certified copy of a report of the Committee of the Privy Council, approved by His Royal Highness the Governor General on the 7th February, 1916, appointing Robert A. Pringle, of the city of Ottawa, one of His Majesty's counsel learned in the law, and His Honour D. B. MacTavish, Judge of the County Court for the County of Carleton, a Commission, under the Inquiries Act, to conduct an inquiry into and concerning the origin of the recent disastrous fire which destroyed the Parliament Buildings at Ottawa. Presented by Sir Robert Borden, February 7, 1916.. .. ..*Not printed.*

72a. Report of the Royal Commission appointed to inquire into the origin of the fire which destroyed the Central Parliament Building at Ottawa, on Thursday, 3rd February, 1916. Also copy of evidence taken before the Royal Commission appointed to inquire into the origin of the fire which destroyed the Central Parliament Building at Ottawa, on Thursday, 3rd February, 1916. Presented by Hon. Mr. Rogers, May 16, 1915.
Printed for sessional papers only.

73. Copy of Order in Council, No. P.C. 162, dated 29th January, 1916,—Establishment of the rank of wireless operator in the Royal Naval Canadian Volunteer Reserve and regulations for the proper government thereof. Presented by Hon. Mr. Hazen, February 7, 1916.. .. ..*Not printed.*

74. Copy of Orders in Council, No. P.C. 183, dated 31st January, 1916,—Regulations governing the payment of allowance to officers of the Royal Canadian Naval Service acting as interpreters. Presented by Hon. Mr. Hazen, February 7, 1916.. .. ..*Not printed.*

74a. Copy of Order in Council No. P.C. 54/601, dated 16th March, 1916, authorizing payment of messing allowance to Royal Naval Reserve Officers. Presented by Hon. Mr. Hazen, March 29, 1916.. .. ..*Not printed.*

75. Communication from the Acting High Commissioner for Canada in London, Sir George Perley, enclosing a report on the Canadian Hospital at Dinard by Dr. Rallie[illegible] Baty, Chief Surgeon at the said hospital. Presented by Sir Robert Borden, Feb[illegible], 1916.
Printed for sessional papers only.

76. A communication from the Right Honourable A. Bonar Law, Colonial Secretary, to His Royal Highness the Governor General, enclosing a copy of the Imperial Parliamentary Debates (House of Commons, 10th January) on a resolution which was adopted by that House, as follows:—"That with a view to increasing the power of the Allies in the prosecution of the war, His Majesty's Government should enter into immediate consultation with the Governments of the Dominions in order with their aid to bring the whole economic strength of the Empire into co-operation with our Allies in a policy directed against the enemy." Presented by Sir Robert Borden, February 7, 1916.
Printed for distribution and sessional papers.

77. Correspondence between the Canadian Manufacturers' Association and the Prime Minister, 1914-1915. Presented by Sir Robert Borden, February 7, 1916.. .. .. ..*Not printed.*

78. Correspondence between the International Nickel Company and the Prime Minister. Presented by Sir Robert Borden, February 7, 1916.. .. ..*Not printed.*

79. Return to an Order of the House of the 7th February, 1916, for a copy of all correspondence and reports on the claims of Sealers of British Columbia under the last treaty with the American Republic. Presented February 9, 1916.
Printed for sessional papers only.

80. Certified copy of a report of the Committee of the Privy Council, approved by His Royal Highness the Governor General on the 15th April, 1915, giving authority for the renewal, from the 31st March, 1916, of the agreement between the Dominion Government and the Province of Alberta for the service of the Royal Northwest Mounted Police in that province. Presented by Sir Robert Borden, February 10, 1916.
Printed for sessional papers only.

81. Certified copy of a report of the Committee of the Privy Council, approved by His Royal Highness the Governor General on the 21st May, 1915, giving authority for the renewal, from the 31st March, 1916, of the agreement between the Dominion Government and the province of Saskatchewan, for the services of the Royal Northwest Mounted Police in that province. Presented by Sir Robert Borden, February 10, 1916.
Printed for sessional papers only.

82. Return to an Order of the House of the 8th February, 1916, for a copy of all letters, papers, and other documents relating to the application of Wasyl Pinianski for the patent of the southwest quarter section 5, township 25, range 4, west second principal meridian, Office File No. 1752484. Presented February 16, 1916.—*Mr. MacNutt*... ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

83. Return to an Order of the House of the 3rd February, 1916, for a copy of all affidavits, letters, telegrams and other correspondence during the years 1914 and 1915 in reference to the S.E. 7-1-13 west 2nd meridian, now the 160-acre homestead of Frank Strubell, between the Department of the Interior or the Minister, or any officer of the Department and the Land Office at Weyburn and Estevan, and with all parties who endeavoured to secure or assisted in securing homestead entry for the said land. Presented February 16, 1916.—*Mr. Turriff*.. .. ..*Not printed.*

84. Report of the Board of Inquiry appointed to make an investigation into the increase in the cost of living in Canada and the causes which have occasioned or contributed to such result. Presented by February 16, 1916.. .. .. ..*Printed for distribution.*

84*a*. Synopsis of exhibit by the Statistical Branch, Department of Labour, laid before the Board of Inquiry into the Cost of Living, 1915. Presented by Sir Robert Borden, February 29, 1916.. .. ..*Printed for distribution.*

85. Report of delegation representing the Government of Canada at the Ninth Annual Congress held under the auspices of the World's Purity Federation at San Francisco, July 18-24, 1915. Presented by Sir Robert Borden, February 16, 1916.. .. ..*Not printed.*

86. Return to an Address to His Royal Highness the Governor General, of the 7th February, 1916, for a copy of all Orders in Council, letters and correspondence which led to the convening of the conference of local governments which took place in Ottawa during the month of October last; together with all the proceedings and resolutions of the said conference. Presented February 17, 1916.—*Sir Wilfrid Laurier*.. .. .. ..*Not printed.*

87. Return to an Order of the House of the 3rd February, 1916, for a copy of all letters, telegrams and other documents relating to the purchase by the Government of the several parcels of land now comprised in the Experimental Farm at Rosthern, Saskatchewan. Presented February 22, 1916.—*Mr. McCraney*.. .. ..*Not printed.*

88. Return to an Order of the House, of the 7th February, 1916, for a return showing the names and post office addresses of all applicants for bounty under the Deep Sea Fisheries Act, from the districts of Ecum Secum, Marie Joseph, Spanish Ship Bay, and Liscombe, county of Guysborough, N.S., for the years 1912, 1913, 1914 and 1915, distinguishing between applications that have been accepted and the bounty paid, and those that have been rejected, and also the reasons for such rejections, if any. Presented February 22, 1916.—*Mr. Sinclair*.. .. ..*Not printed.*

89. Return to an Order of the House of the 3rd February, 1916, for a return showing the fractional areas of homestead lands, or otherwise, in the province of Saskatchewan, sold in the year 1915, the name of the purchaser, and the price paid in each case. Presented February 22, 1916.—*Mr. Martin (Regina)*.. .. ..*Not printed.*

90. Return to an Order of the House, of the 7th February, 1916, for a return showing a copy of the prospectus, rates of interest, the effective interest, the net yield, commission charges, printing charges and other charges, in connection with the Government Domestic Loan of one hundred million dollars, and also in connection with the loan of forty-five million dollars made at New York in 1915. Presented February 22, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed*

91. Return to an Order of the House of the 7th February, 1916, for a return showing the number of subscribers in the Government Domestic Loan of one hundred million dollars which were in the sum of $1,000 or under, and the number of other subscriptions in multiples of $1,000. Presented February 22, 1916.—*Mr. Maclean (Halifax)*.
Not printed.

92. Return to an Order of the House of the 8th March, 1915, for a return showing:—1. From how many firms or private individuals the Government, or any Department of the Government, has ordered trousers, breeches, and pantaloons since the 1st of July, 1914? 2. The names of these firms? 3. How many trousers, breeches and pantaloons have been ordered from each firm? 4. How many each firm has delivered up to date? 5. How many each firm has yet to deliver? 6. The price each firm is receiving for these trousers, breeches and pantaloons. Presented February 24, 1916.—*Mr. Chisholm (Inverness)* .. ..*Not printed.*

93. Return to an Order of the House of the 8th March, 1915, for a return showing the number of appointments to the Inside Service and to the Outside Service since October, 1911, of persons resident in the county of Wright, the number of dismissals from the service since October, 1911; the number of resignations from the service since above date; with the names of parties at whose request such resignations, if any, were tendered. Presented February 24, 1916.—*Mr. Devlin*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

94. Return to an Order of the House of the 8th April, 1915, for a return showing:—1. The names of the persons who have successfully passed the Civil Service examination in the province of Quebec since the establishment of the Civil Service Commission. 2. The number of such persons who have been called upon to enter the Civil Service. 3. The number in each grade of those who have pased such examinations with success. Presented February 24, 1916.—*Mr. Boulay*.. .. ..*Not printed.*

95. Return to an Order of the House of the 3rd February, 1916, for a copy of all documents, papers and telegrams in any way referring to the application of Aenas McKinnon, of Iron Mines, Inverness County, for the Fenian Raid Veteran Bounty. Presented February 24, 1916.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed.*

95*a*. Return to an Order of the House of the 14th February, 1916, for a copy of all telegrams, letters, petitions and documents of any kind, referring in any way to the application of Anes or Angus McKinnon, of Iron Mines or Orangedale, Inverness County, for the Fenian Raid Bounty. Presented March 3, 1916.—*Mr. Chisholm (Inverness)*.
Not printed.

96. Return to an Order of the House of the 15th March, 1915, for a copy of the claim of Captain Stephen Paul, owner of the steamer *Rhoda,* for the destruction of his ship, as a wreckage, by the Department of Marine, and of all correspondence with regard to the same. Presented February 24, 1916.—*Sir Wilfrid Laurier*.. .. ..*Not printed.*

97. Return to an Order of the House of the 29th March, 1915, for a copy of all letters and telegrams, or any other written communications which passed between the Minister of Railways and Canals and J. C. Douglas, Esq., M.P.P., of Glace Bay, Nova Scotia, between the 1st of January and the last of December, 1914, and of all letters and telegrams between the Minister of Customs and Public Works, and the Postmaster General, and the said J. C. Douglas during the above period, in respect to the dismissal, appointment or restoration to office of Government officials. Presented February 24, 1916.—*Mr. McKenzie*.. .. ..*Not printed.*

98. Return to an Order of the House of the 3rd February, 1916, for a copy of all reports upon the depths of water in the different locks in the East River of Pictou, improvements, and of all correspondence and recommendations in regard to changes on the plans therefor. Presented February 24, 1916.—*Mr. Macdonald*.. .. ..*Not printed.*

98*a*. Supplementary return to an Order of the House of the 3rd February, 1916, for a copy of all reports upon the depths of water in the different locks in the East River of Pictou, improvements, and of all correspondence and recommendations in regard to changes on the plans therefor. Presented March 13, 1916.—*Mr. Macdonald*.. .. .. ..*Not printed.*

99. Return to an Order of the House of the 3rd February, 1916, for a copy of all letters, telegrams, petitions and other papers relative to the granting of a Conciliation Board to the employees of the Acadia Coal Company, in the county of Pictou, in the autumn of 1915. Presented February 24, 1916.—*Mr. Macdonald*.. .. ..*Not printed.*

100. Return to an Order of the House of the 1st March, 1915, for a return showing the number of miles of telegraph lines, and the locations, erected in the county of Inverness, each year since 1896, to the present day, with the cost of each line. Presented February 24, 1916.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed.*

101. Return to an Order of the House of the 3rd February, 1916, for a copy of all tenders, letters, telegrams and contracts relative to a mail contract from Noel to Maitland, in the county of Hants, and relative to the warding of the same under contract. Presented February 24, 1916.—*Mr. Macdonald*.. .. ..*Not printed.*

102. Return to an Order of the House of the 22nd March, 1915, for a copy of the petition addressed to the Post Office Department for the establishment of the rural mail delivery route in the county of Shefford, known as Warden No. 1, and of all letters, telegrams reports and other communications connected therewith. Presented February 24, 1916.—*Mr. Boivin*.. .. ..*Not printed.*

103. Return to an Order of the House of the 9th February, 1916, for a return showing the different rural mail routes in the Strathcona constituency, their location and date of establishment, and all rural routes under consideration at the present time. Presented February 24, 1916.—*Mr. Douglas*.. .. ..*Not printed.*

103*a*. Return to an Order of the House of the 16th February, 1916, for a return showing the location of all rural mail routes in the present constituency of Strathcona, the date of their inception, and the location of routes at present under consideration. Presented February 24, 1916.—*Mr. Douglas*.. .. ..*Not printed.*

104. Return to an Order of the House of the 25th March, 1915, for a copy of all letters, papers, petitions, reports and other documents relating to the establishment of a rural mail delivery route, for the purpose of giving postal service to the districts of Hodson and Toney Mills, county of Pictou. Presented February 24, 1916.—*Mr. Macdonald.*
Not printed.

CONTENTS OF VOLUME 28—*Continued.*

105. Return to an Order of the House of the 3rd February, 1916, for a copy of all correspondence, letters, telegrams and memorials received by the Honourable Postmaster General or the Right Hon. Sir Robert L. Borden, since January 1, 1912, relating to the contract for carrying the mail across Lemon Ferry, in the county of Richmond, N.S., and also of all replies thereto. Presented February 24, 1916.—*Mr. Kyte*.. .. ..*Not printed.*

106. Return to an Order of the House of the 7th February, 1916, for a return showing how many rural mail delivery routes have been opened during the last fiscal year, in what counties, and at what cost in each county. Presented February 24, 1916.—*Mr. Lemieux.* *Not printed.*

107. Return to an Order of the House of the 7th February, 1916, for a copy of all correspondence between the Department of Marine and Fisheries, or any department of Government, and the Pilot Commissioners of the harbour and district of St. Anns, in the county of Victoria, during the years 1914 and 1915, in respect to the removal or dismissal of Daniel Buchanan from the office of pilot of said harbour or district. Presented February 24, 1916.—*Mr. McKenzie*.. .. ..*Not printed.*

108. Return to an Order of the House of the 5th April, 1915, for a copy of all documents, letters, correspondence, messages, reports, etc., relating to the calls for tenders for the carrying of the mails between the post office at St. Français de Montmagny and the Intercolonial Station during the years 1914 and 1915, as well as a copy of the tenders that have been sent in relating to the said mail service. Presented February 24, 1916.—*Mr. Lapointe (Kamouraska)*.. .. ..*Not printed.*

109. Return to an Order of the House of the 3rd February, 1916, for a copy of all correspondence, memorials, letters and telegrams received by the Honourable Postmaster General or the Right Hon. Sir Robert L. Borden, in 1915, relating to the contract for carrying the mails between Roberta, in the county of Richmond, and West Bay, in the county of Inverness, N.S., and also of all replies thereto. Presented February 24, 1916.—*Mr. Kyte*.. .. ..*Not printed.*

110. Return to an Order of the House of the 3rd February, 1916, for a copy of all letters, tenders, advertisements, posters, telegrams, and of all other documents in connection with the letting of the contract for conveying the mails between Medicine Hat and Eagle Butte, in the constituency of Medicine Hat, Alberta. Presented February 24, 1916.—*Mr. Buchanan*.. .. ..*Not printed.*

111. Return to an address to His Royal Highness the Governor General, of the 7th February, 1916, for a copy of all correspondence, evidence, official reports, memoranda and Orders in Council, in connection with an investigation or inquiry into the conduct of any officials of the customs service at the Port of Halifax, N.S., in the latter part of 1915, by Mr. Busby, Inspector of Customs. Presented February 25, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

112. Return to an Order of the House of the 7th February, 1916, for a return showing the total amount of duties rebated to importers during the present fiscal year up to December 31, 1915, with the particulars thereof. Presented February 25, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

113. Return to an address to His Royal Highness the Governor General, of the 7th February, 1916, for a copy of all correspondence, inquiries, evidence, reports by departmental officials or Orders in Council, relative to the dismissal of Clifford G. Brander of the Customs Preventive Service at Halifax, N.S. Presented February 25, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

114. Return to an Order of the House of the 7th February, 1916, for a copy of all correspondence, telegrams, or other communications between the officers of the customs at North Sydney, N.S., or any of them, and the Department of Customs, in respect to the renting of a room or rooms for the purposes of the said department at North Sydney. Presented February 25, 1916.—*Mr. Mackenzie (Halifax)*.. .. ..*Not printed.*

115. Return to an Order of the House of the 7th February, 1916, for a return showing the revenue collected during the present fiscal year up to 31st December, 1915, from the importation of the following classes of dutiable articles, and under the divisions of General Tariff, Preferential Tariff, and Surtax Tariff, together with the quantities and values of such importations: iron ore, iron and steel and manufactures of iron and steel; cotton and cotton manufactures; leather and manufactures of leather; wool and manufactures of wool; coal, manganese; zinc; copper; meats; eggs and butter.

Where any of the above items are numerously subdivided in the customs return, the principal items of imports as to quantity, value and revenue need only be given. Presented February 25, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

116. Return to an address to His Royal Highness the Governor General, of the 7th February, 1916, for a copy of all correspondence, evidence, reports, memoranda and Orders in Council relative to the dismissal of Charles McCarthy from the customs service at the Port of Halifax, and in respect to his restoration to office. Presented February 25, 1916. —*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

117. Return to an address to His Royal Highness the Governor General of the 7th February, 1916, for a copy of all evidence, reports, memoranda or Orders in Council, relative to the retirement or dismissal from the customs service at the Port of Halifax, of A. J. Crosby, Thomas Lynch and J. B. Naylor. Presented February 25, 1916.—*Mr. Maclean (Halifax)* .. .. ..

CONTENTS OF VOLUME 28—*Continued.*

131. Return to an Order of the House of the 7th February, 1916, for a copy of all letters, telegrams, evidence of witnesses at the investigation, and reports thereon, in relation to the claim of Alexandre D. Doucet, of Beresford, N.B., for cattle killed on the Intercolonial Railroad on May 25, 1915. Presented March 1, 1916.—*Mr. Turgeon.*
Not printed.

132. Return to an Order of the House of the 3rd February, 1916, for a copy of all letters, telegrams, correspondence and agreements between the Department of Railways and Canals, and any official thereof, including the officials of the Intercolonial Railway, regarding the installation of the McQueen Siding, so-called, at Shediac, in the province of New Brunswick, and the subsequent removal thereof. Presented March 1, 1916.—*Mr. Carvell*.. .. .. .

CONTENTS OF VOLUME 28—*Continued.*

141. Return to an Order of the House of the 7th February, 1916, for a return of all sums of money expended, respectively, during the present fiscal year by the Department of Public Works, chargeable to capital account, for public buildings and harbours and rivers, by provinces, designating in detail the purposes of such expenditure. Presented March 1, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

142. Return to an Order of the House of the 3rd February, 1916, for a copy of all letters, telegrams and other documents in connection with the purchase of a site for the post office building at Bear River, N.S. Presented March 1, 1916.—*Mr. Law*,. .. ..*Not printed.*

143. Return to an Order of the House of 7th February, 1916, for a copy of all letters, papers, telegrams, pay-sheets, pay-rolls, receipts and documents of all kinds whatsoever in connection with the extension or repairs on the public breakwater at Port Morien, in South Cape Breton, during 1915. Presented March 1, 1916.—*Mr. Carroll*.. .. ..*Not printed.*

144. Return to an Order of the House of 16th February, 1916, for a copy of all letters, telegrams and correspondence between the Department of Marine and Fisheries, or any official thereof, and any person or persons in reference to the proposed retirement from office of the present keeper of the lighthouse at Cape Jourmain, in the county of Westmorland. Presented March 1, 1916.—*Mr. Copp*.. .. ..*Not printed.*

145. Return to an Order of the House of 7th February, 1916, for a copy of all correspondence between the Department of Militia and Defence or any of its branches, and the Department of Agriculture, in reference to the using of the immigration or quarantine buildings at McNab's Island and Lawlor's Island, Halifax, N.S., for military purposes, and particularly for their use by the 63rd Regiment, Overseas Contingent. Presented March 1, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

146. Return to an Order of the House of 7th February, 1916, for a return showing the names of all medical officers appointed and employed for immigration or quarantine purposes at Halfax, St. John, Quebec, Montreal, Toronto, Winnipeg, Regina, Calgary, Edmonton, Vancouver and Victoria, together with the date of appointment of each, their salary, and in each case designating whether they or any of them are still in the service of the Government, and when not, the date when the service ceased. Presented March 1, 1916. —*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

147. Return to an Order of the House of the 3rd February, 1916, for a return showing:—1. The names of the different tenderers for the carrying of the mails from the rural boxes established in the counties of l'Assomption and Montcalm down to the present day. 2. The figure of each of such contracts, and the name of the tenderer to whom each of such contracts has been awarded, and for what sum. 3. If any contracts were given without tender. If so, to whom, and for what amount. Presented March 2, 1916.— *Mr. Seguin*.. .. ..*Not printed.*

148. Return to an Order of the House of the 21st February, 1916, for a copy of all correspondence and telegrams exchanged between the Labour Department and the workingmen at Thetford Mines prior, during, or after the last strike in that vicinity, and of all other papers relating thereto. Presented March 2, 1916.—*Mr. Verville*.. .. .. ..*Not printed.*

149. Fenian Raid Bounties—to whom paid in Queens County, N.S.—(*Senate*).. ..*Not printed.*

150. Return to an Address to His Royal Highness the Governor General, of the 3rd February, 1916, for a copy of all Orders in Council passed since 4th August, 1914, dealing with members of the Canadian Expeditionary Forces in the following particulars: Pensions to partially or totally disabled soldiers or their dependents; money allowances or other provision made for the support or care of partially or totally disabled returned soldiers; and pay allowances or other consideration to dependents of soldiers while on active service, and after their return from active service, because of disablement from any cause. Presented March 3, 1916.—*Mr. Oliver*.. .. ..*Printed for sessional papers only.*

151. Return to an Order of the House of the 3rd February, 1916, for a return showing the names of all medical officers employed and designated in the years 1914 and 1915, in the examination of recruits in the county of Pictou, and of any changes in the list of said officers in said period. Presented March 3, 1916.—*Mr. Macdonald*.. ..*Not printed.*

152. Return to an Order of the House of the 4th March, 1915, for a return showing the names and addresses of all persons in Annapolis and Digby Counties, Nova Scotia, to whom the bounty under the Fenian Raid Volunteer Bounty Act has been paid; the names and addresses of all persons from said counties whose applications have been rejected; and the names and addresses of all applicants from said counties whose applications have not been disposed of. Presented March 3, 1916.—*Mr. Law*.. .. ..*Not printed.*

153. Return to an Order of the House of the 19th February, 1915, for a return showing the names and addresses of all persons in South Cape Breton, Nova Scotia, who have been paid Fenian Raid Bounty; the names and addresses of all persons in South Cape Breton, N.S., who have made application for said bounty and who have not yet received it. Presented March 3, 1916.—*Mr. Carroll*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

154. Return to an Order of the House of the 1st March, 1915, for a return showing the names and addresses of all persons who received bounty. Raid Bounty was paid in the county of Halifax, N.S., to date. Presented March 3, 1916.—*Mr. Maclean (Halifax).* *Not printed.*

155. Return to an Order of the House of the 31st March, 1915, for a copy of all applications received for Fenian Raid Bounty from residents of the county of Hants, N.S.; also the names of persons who have been paid the bounty and those who have been refused it in said county; with the reasons for refusal, and showing the number of applications that have not yet been dealt with. Presented March 3, 1916.—*Mr. Chisholm (Inverness)*.. .. .. .

CONTENTS OF VOLUME 28—*Continued.*

168. Return to an Order of the House of the 16th February, 1916, for a copy of all letters, petitions, correspondence and telegrams, exchanged between the Government, its resident enginer of the district, and all other persons concerning the construction of a bridge between Ile Perrot and Ste. Ann de Bellevue, and Ile Perrot and Vaudreuil. Presented March 7, 1916.—*Mr. Boyer*.. .. ..*Not printed.*

169. Return to an Order of the House of the 21st February, 1916, for a copy of all letters and correspondence between A. Bellemare, Esq., M.P., and the Government, or any member thereof, in connection with the construction of the post office at Louiseville. Presented March 7, 1916.—*Mr. Gauvreau*.. .. ..*Not printed.*

170. Return to an Order of the House of the 21st February, 1916, for a return showing the amounts spent for the furnishing of the office of the Hon. E. Patenaude, Minister of Inland Revenue; with a copy of all invoices. And also a statement of the amounts spent for the furnishing of the office of the Hon. W. B. Nantel, when Minister of Inland Revenue; with a copy of all invoices. Presented March 7, 1916.—*Mr. Lanctot.*
Not printed.

171. Return to an Order of the House of the 3rd February, 1916, for a copy of all documents, title deeds, papers, notarial deeds or private writings in connection with the sale, donation or transfer, by the estate of Alex. Fraser, of Rivière du Loup, to the Government or the Railway Department, for the Intercolonial, the lot of land or part of the lot of land, at the east of the Intercolonial bridge at Rivière du Loup, at a place called Gauvreau Yard; also of all correspondence in this connection. Presented March 7, 1916.—*Mr. Gauvreau*.. .. ..*Not printed.*

172. Report of the Federal Plan Commission on a general plan for the cities of Ottawa and Hull, 1915. Presented by Sir Robert Borden, March 10, 1916.. .. ..*Not printed.*

173. Return to an Order of the House of the 3rd February, 1916, for copies of all telegrams, letters, petitions, correspondence and other documents whatsoever relating to the post office and the postmaster of the Parish of St. Esprit, in the county of Montcalm, from October, 1911, to the present day. Presented March 10, 1916.—*Mr. Seguin.*
Not printed.

174. Return to an Order of the House of the 16th February, 1916, for a copy of all telegrams, letters, petitions and documents of all kinds, in any way referring to the awarding of the contract for carrying the mail from Inverness to Margaree Harbour. Presented March 10, 1916.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed.*

175. Return to an Order of the House of the 3rd February, 1916, for a copy of all letters, papers, telegrams and documents of all kinds whatsoever in connection with the tenders and awarding of the contract for carrying the mails between the tram cars and the post office at Glace Bay, South Cape Breton. Presented March 10, 1916.—*Mr. Carroll.*
Not printed.

176. Return to an Order of the House of the 7th February, 1916, for a copy of all papers, memoranda, correspondence, reports, etc., in connection with the dismissal of John E. Hallamore, as postmaster at Upper New Cornwall, Lunenburg County, N.S. Presented March 10, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

177. Return to an Order of the House of the 16th February, 1916, for a copy of all telegrams, letters, petitions, and of all documents of all kinds in any way referring to the awarding of the contract for carrying the mail to Eastern Harbour and Pleasant Bay. Presented March 10, 1916.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed.*

178. Return to an Order of the House of the 21st February, 1916, for a detailed statement of all war orders obtained by the Dominion Steel Corporation of Sydney, Nova Scotia. Presented March 10, 1916.—*Mr. Lemieux*.. .. ..*Not printed.*

179. Return to an Order of the House of the 21st February, 1916, for a copy of the war orders given to the Montreal Street Railway Company. Presented March 10, 1916.—*Mr. Fortier*.. .. ..*Not printed.*

180. Report of the International Commission pertaining to the St. John river. Presented by Hon. Mr. Rogers, March 10, 1916.. .. ..*Printed for sessional papers only.*

181. Return to an Order of the House of the 21st February, 1916, for a detailed statement of all the wrecks which have taken place on the St. Lawrence river from 1867 until 1916, inclusive. Presented March 13, 1916.—*Mr. Lemieux*.. .. ..*Not printed.*

182. Return to an Address to His Royal Highness the Governor General of the 3rd February, 1916, for a copy of all Orders in Council, letters, telegrams, reports and other documents regarding the proposed public building in Prince Rupert for post office and other purposes, and regarding the land proposed for such public building and the purchase of such land. Presented March 13, 1916.—*Mr. Knowles*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

183. Return to an Address to His Royal Highness the Governor General of the 7th February, 1916, for a copy of the Order in Council or departmental order dismissing Mr. Bayfield from the position of Superintendent of Dredging in British Columbia; and also a copy of the Order in Council or departmental order appointing J. L. Nelson in his place. Presented March 13, 1916.—*Mr. Pugsley*.. .. ..*Not printed.*

184. Return to an Order of the House of the 23rd February, 1916, for a copy of all reports and documents concerning the surveys made by the Federal Government during the autumn of 1914 of Lake Matapedia and the river of the same name down to the village of Amqui. Presented March 13, 1916.—*Mr. Lapointe (Kamouraska)*.. ..*Not printed.*

185. Return to an Order of the House of the 13th March, 1916, for a copy of the pension list in force in Canada for disabled soldiers and of all petitions, letters or other documents relating to the amendment or readjustment of the same. Presented March 14, 1916.—*Printed for distribution and sessional papers.*

186. Return to an Order of the House of the 16th February, 1916, for a copy of all letters, petitions, correspondence and telegrams between the Government, the engineers; and all other persons concerning the building of the post office at Rigaud; also of the amounts of money paid to divers persons for such building, furnishing, the land, the care of the grounds and other works. Presented March 15, 1916.—*Mr. Boyer*.. .. .. ..*Not printed.*

187. Return to an Order of the House of the 6th March, 1916, for a return showing the different rural mail routes in the constituency of Medicine Hat, with their location and date of establishment; and also all rural mail routes now being established or under consideration at the present time in the same constituency. Presented March 15, 1916.—*Mr. Buchanan*.. .. ..*Not printed.*

187*a*. Return to an Order of the House of the 20th March, 1916, for a return showing:—1. The reason for the delay in the establishment of the rural mail routes, reported under consideration, in the constituency of Medicine Hat. 2. When these routes were first applied for. 3. If the applications possessed the required number of signatures. 4. If tenders have been invited. If so, for what routes. 5. Why the lowest tenders were not accepted, and the routes established. 6. If any tenders are being invited for these routes. 7. If there is a likelihood of any of these routes being operated immediately. Presented March 27, 1916.—*Mr. Buchanan*.. .. ..*Not printed.*

188. Return to an Order of the House of the 21st February, 1916, for a copy of all letters, telegrams, investigations and reports relating to the dismissal of Joseph Fleming, conductor Intercolonial Railway, and in regard to his reinstatement. Presented March 16, 1916.—*Mr. Macdonald*.. .. ..*Not printed.*

189. Return to an Order of the House of the 18th March, 1915, for a copy of all petitions, telegrams, communications and other documents relating to the dismissal of Mr. Hubert Paquin, postmaster of St. Gilbert de Portneuf. Presented March 16, 1916.—*Mr. Delisle.* *Not printed.*

190. Return to an Order of the House of the 16th February, 1916, for a copy of all letters, petitions, correspondence and telegrams, exchanged between the Government, its Inquiry Commissioner, Mr. G. H. Bergeron, and all other persons, concerning the inquiry, the dismissal and replacing of the postmasters of the different post offices mentioned below; and of all correspondence relating to the appointments of the present postmasters who replace the former ones, who had been either dismissed or replaced for one reason or another:—St. Lazare Village, Vaudreuil Station, Pointe Fortune, Val des Eboulis, Mont Oscar, St. Justine de Newton, Ste. Marthe. Presented March 16, 1916.—*Mr. Boyer.* *Not printed.*

191. Dismissal of Mr. Chisholm, Inspector of Indian Agencies, Saskatchewan.—(*Senate*). *Not printed.*

192. Return to an Order of the House of the 28th February, 1916, for a return showing:—1. The names, rank and military qualifications of the officers on the Headquarters Staff of the 1st, 2nd and 3rd Divisional Areas, including those on Staffs of Camps and Schools of Instruction, on October 1, 1915. 2. The names of those of the above who on that date had volunteered, taken the oath and been attested for overseas service. Presented March 20, 1916.—*Mr. Proulx*.. .. ..*Not printed.*

193. Return to an Order of the House of the 21st February, 1916, for a return showing:—1. How many persons have been employed by the Department of Militia since the beginning of the war in the examining, appraising or testing of materials, such as clothing, harness, etc., purchased for military purposes. 2. How many of such employees are practical trades people, experts, or otherwise experienced persons in the respective callings connected with the various materials as purchased. Presented March 20, 1916.—*Mr. Verville*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

194. Return to an Order of the House of the 6th March, 1916, for a copy of all telegrams, letters, petitions and documents of all kinds referring in any way to the application of Mrs. Flora McIntyre, of River Dennis, Inverness County, N.S., for the Fenian Raid Veteran Bounty of her late husband, Angus McIntyre, late of River Dennis. Presented March 20, 1916.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed.*

195. Return to an Order of the House of the 13th March, 1916, for a return showing:—1. The names, dates of appointment, post office addresses at time of appointment, and former occupations of the censors employed by the Militia Department at Louisburg and North Sydney, Nova Scotia. 2. The names of all the said censors who are also decoders, and the names and addresses of all who are employed in the censorship service at the above points. 3. The amount paid to each censor or decoder since the 4th of August, 1914, up to the 1st February, 1916, or to any party or person in connection with the censorship or decoding services at the above places. Presented March 20, 1916.—*Mr. McKenie.*
Not printed.

196. Return to an Order of the House of the 3rd February, 1916, for a copy of all letters, telegrams, agreements and all other papers relative to the creation of a Board of Conciliation, during the year 1915, under the Industrial Disputes Investigation Act in regard to the employees of the Nova Scotia Steel Company, in the county of Pictou. Presented March 20, 1916.—*Mr. Macdonald*.. .. ..*Not printed.*

197. Return to an Order of the House of the 6th March, 1916, for a list of the employees in the Dominion Police Force, with the salary of each of them. Presented March 20, 1916. —*Mr. Boulay*.. .. ..*Not printed.*

198. Return showing:—1. Whether the Government have taken cognizance of the following article published in the Montreal "Gazette" on November 1, 1915:—"Canadian Help Comes from Sale of Gift Flour. Foodstuffs not Needed by the English Poor were Bought for Belgian Relief.—Funds to Aid East Coast.—Hon. Walter Long Suggested to Canadian Government that $750,000 be Allotted, and Latter Agreed.—(Special cable from the "Gazette's" resident staff correspondent.)

"London, October 31,—'Canada's aid to the east coast towns of England, which are suffering through the war, is the subject of some misconception,' said Sir George Perley to-day. In a statement in the Commons, Hon. Walter Long said that the necessary funds for a Government scheme of help for hotel and lodging house keepers had been generously provided by the Canadian Government. This gave rise to the idea that the Dominion was taking a new step, but the fact is that no money is coming from Canada. Of the flour sent by Canada a year ago to relieve distress in England, very little was distributed, as poverty was in no way abnormal. Some 400,000 bags of this flour were transferred to the American committee for Belgian relief, which purchased them. The money paid for this flour being in the hands of the Local Government Board, Hon. Walter Long, as President of the Board, suggested to Sir George Perley that this might be utilized for the relief of the east coast towns where the season had been ruined owing to the lack of railway facilities and the disinclination of the public to visit the east coast because of the possibility of German naval or aerial raids. The Dominion Government acquiesced in this proposal, and the sum of $750,000, part of the proceeds of the sale of the flour, has now been allotted for this purpose. Canada's generosity will therefore go to alleviate the distress of a large number of better-class people, who are direct sufferers from the war, instead of the destitute poor, for whom it was intended, but who, it develops, were not in need of it." 2. Whether the said article is accurate. If not, in what respect it is inaccurate. Presented March 20, 1916.—*Mr. Papineau.*
Not printed.

198*a*. Return showing:—1. Whether the Government is aware that the following extract from an article was published on the 12th January, 1915, in the Montreal "Gazette":—

"Distress Caused in England by War is Negligible.—Comparatively Small Portion of Colonial Gifts Used for National Relief.—Much Went to Belgians.—War Office also took Large Share.—Salvation Army has Scheme Requiring Canadian Co-operation.—(Special cable from the "Gazette's" resident staff correspondent.)

"London, January 11.—Very satisfactory evidence of the comparative absence in England of any distress caused by the war is furnished by a report on the special work of the Local Government Board arising out of the war, which was issued to-day as a White Paper. The action by Noel Kershaw, dealing with the disposition of the gifts from the Colonies, shows that only a small part of the goods allocated has been required for relieving the distress of civilians.

"The following is the disposition of the 940,530 bags of flour received from Canada: To the local committees for the relief of distress, 90,474; to the Belgian Refugees Committees, 1,691; transferred to the War Office, 99,760; further offer to the War Office, 300,000; to the Belgian Relief Commission, 443,886; sold, owing to damage, 4,719." 2. Who had charge of accepting delivery and the shipping of this flour. 3. Whether the Government have any information of the shortage of 59,430 bags of flour, alleged in said article. If not, what became of the flour that was short. Presented March 20, 1916.—*Mr. Papineau*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

199. Return to an Order of the House of the 6th March, 1916, for a return showing the amounts contributed from the constituency of Medicine Hat for machine guns, and by whom contributed or forwarded. Presented March 21, 1916.—*Mr. Buchanan*.. ..*Not printed.*

200. Return to an Order of the House of the 13th March, 1916, for a copy of all letters, petitions, recommendations and other documents in the possession of the Post Office Department relating to the appointment of the postmaster at West Roachdale, Guysborough County, Nova Scotia, to take the place of J. H. McGuire, deceased. Presented March 21, 1916.—*Mr. Sinclair*.. .. ..*Not printed.*

201. Return to an Order of the House of the 28th February, 1916, for a return showing in detail the payment or payments amounting to $647.50, paid to P. A. Stoddart, fishery guardian, Shelburne County, N.S., during the year ending March 31, 1915. Presented March 21, 1916.—*Mr. Kyte*.. .. ..*Not printed.*

202. Return to an Order of the House of the 28th February, 1916, for a copy of all correspondence, letters, telegrams and documents of all kinds relating to the chartering of the vessel *Starling*, by the Department of Marine and Fisheries. Presented March 21, 1916. *Mr. Kyte*.. .. ..*Not printed.*

203. Return to an Order of the House of the 7th February, 1916, for a copy of all documents, letters, messages, correspondence and reports concerning a conference between the Minister of Agriculture and certain representatives of the Mennonite Church in or about July, 1873, and referred to in a certain letter dated 23rd July, 1873, signed by P. M. Lowe, Secretary of the Department of Agriculture, and addressed to Messrs. David Klassen, Jacob Peters, Heinrich Wiebe and Cornelius Toews, delegates from Southern Russia. Presented March 21, 1916.—*Mr. McCraney*.. .. ..*Not printed.*

204. Return to an Order of the House of the 13th March, 1916, for a copy of all letters, telegrams, petitions, memorials and other documents relating to the subsidizing by the Government of the construction of ships in British Columbia, or of ships when built; or as to the laying down or constructing or assisting in the construction in British Columbia of twenty-five ships by the Government, or as to assisting by subsidies or otherwise in the construction of ships in the Dominion. Presented March 23, 1916.—*Mr. Macdonald.* *Not printed.*

205. Return to an Order of the House of the 13th March, 1916, for a copy of the affidavit of David W. McLean, Windsor, N.S., to whom Warrant No. 25737 was issued for Fenian Raid Bounty, and also a copy of all correspondence and other documents relating to the payment of the same. Presented March 23, 1916.—*Mr. Macdonald*.. .. .. ..*Not printed.*

206. Return to an Order of the House of the 9th March, 1916, for a return showing:—1. The amount collected in wharfage on goods landed on Government wharves in the county of Victoria, at Neils Harbour, Ingonish, Englishtown, South Gut, Baddeck, Little Narrows, Nyaiga, and Big Bras d'Or. 2. The amount collected at each of the above places, by whom collected, and how much returned to the Government in each case. Presented March 27, 1916.—*Mr. McKenzie*.. .. ..*Not printed.*

207. Return to an Order of the House of the 20th March, 1916, for a return showing:—The names of the 54 Canadian officers employed in the Canadian Pay and Record Office, London, and amounts per month paid to each of them. Presented March 27, 1916.—*Mr. Macdonald*.. .. ..*Not printed.*

208. Return to an Order of the House of the 3rd February, 1916, for a copy of all letters, telegrams, petitions, directions and other documents relative to the surveys for a railway under the Railway Department, which have been carried on during the past summer, at points east and west from Sunnybrae, in the county of Pictou. Presented March 27, 1916.—*Mr. Macdonald*.. .. ..*Not printed.*

209. Return to an Order of the House of the 21st February, 1916, for a copy of all papers, agreements, letters, telegrams and other documents relating to the proposal to purchase, lease, or use of, the railway known as the Vale Railway, county of Pictou, and to the operation of the same by the Railway Department. Presented March 27, 1916.—*Mr. Macdonald*.. .. ..*Not printed.*

210. Return to an Order of the House of the 7th February, 1916, for a return showing the number and purpose of all commissions appointed by the Government since 1911, and the cost of each, together with names of the various members of such commissions. Presented March 27, 1916.—*Mr. Pardee*.. .. ..*Not printed.*

211. Return to an Order of the House of the 6th March, 1916, for a copy of all correspondence, letters, telegrams and documents relating to the dismissal or resignation of Dr. W. T. Patton from the service of the Veterinary Inspection Branch of the Department of the Interior, and his re-appointment and his later dismissal or resignation. Presented March 27, 1916.—*Mr. Buchanan*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

211*a*. Return to an Order of the House of the 3rd April, 1916, for a copy of all correspondence, letters, telegrams and documents relating to the dismissal or resignation of Dr. W. T. Patton, from the service of the Veterinary Inspection Branch of the Department of Agriculture at Coutts, Alberta, and his re-appointment and later dismissal or resignation. Presented May 10, 1916.—*Mr. Buchanan*.. .. ..*Not printed.*

212. Return to an Order of the House of the 28th February, 1916, for a copy of all accounts, telegrams, letters, bills of costs and other documents relating to the case of J. P. Dionne against the King, before the Exchequer Court, in which case Mr. Leo Bérube was attorney and Mr. E. H. Cimon was counsel, both being lawyers of Fraserville. Presented March 27, 1916.—*Mr. Gauvreau*.. .. ..*Not printed*

212*a*. Return to an Order of the House of the 5th April, 1916, for a copy of all telegrams and letters from Leo Berube, lawyer, M.P.P., to the Minister of Justice, relating to the production of the official and public documents asked for by C. A. Gauvreau, M.P., in the case of J. P. Dionne vs. The King, and of any answers of the Minister of Justice to such telegrams and letters. Presented April 10, 1916.—*Mr. Gauvreau*.. .. ..*Not printed*

213. Return to an Address to His Royal Highness the Governor General, of the 7th February, 1916, for a copy of all correspondence with the Imperial authorities in connection with the purchase of horses, and the prohibiting of the export of horses. Presented March 27, 1916.—*Sir Wilfrid Laurier*.. .. ..*Not printed.*

214. Return to an Order of the House of the 1st March, 1916, for a copy of all correspondence, telegrams, reports and documents of all kinds relating to the visits of a fair wage officer to New Glasgow, N.S., in connection with the schedule of wages of men employed in works making shells at that place. Presented March 28, 1916.—*Mr. Macdonald.*
Not printed.

215. Copy of Order in Council P.C. No. 634, dated 24th March, 1916, *re* the prohibition of the exportation of certain goods including nickel, nickel ore and nickel matte, to certain foreign ports. Presented by Sir Robert Borden, March 28, 1916.
Printed for sessional papers only.

216. Return to an Order of the House of the 6th March, 1916, for a copy of all correspondence, accounts, vouchers, memoranda, etc., relating to the construction of a launch way and boat house at Bear Cove Beach, Halifax County, N.S., and completed in 1914. Presented March 29, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

217. Return to an Order of the House of the 6th March, 1916, for a detailed statement of the expenditure last year at McNair's Cove, Nova Scotia, giving the names of the workmen, the number thus employed, the amount paid to each; also the amount paid for supplies and material, and the names of the persons to whom the same was paid. Presented March 29, 1916.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed.*

218. Return to an Order of the House of the 6th March, 1916, for a copy of all correspondence, accounts, vouchers, receipts, etc., in connection with the construction of a wharf at Shad Bay, Halifax County, N.S., in 1914 and 1915. Presented March 29, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

219. Return to an Order of the House of the 16th March, 1916, for a return showing:—1. Whether the Government has received any complaints as to the manner of supplying clothing to the Royal Military College, or as to its fit, workmanship or materials employed, or as to any delay in furnishing the cadets with clothing. 2. If so, from whom such complaints have been received. 3. On what grounds. 4. What form the complaint was in. 5. The nature of the complaint. 6. If the Government is aware as to whether or not there has been dissatisfaction as to the fit, workmanship and materials employed, or as to any delay in furnishing the cadets with clothing. 7. If it is true, as alleged, that the late Commandant of the Royal Military College, Colonel Crowe, before he left, recommended a change of system for the supply of clothing, and outlined the features of such a system. 8. If so, the details of the plan suggested. 9. To what extent the plan suggested by Colonel Crowe was adopted. If not adopted, why not. 10. Whether the present Commandant of the Royal Military College made any suggestions as to a change in the system of supplying clothing to the cadets. 11. If so, the changes which he suggested. Presented March 30, 1916.—*Mr. Carvell.*
Not printed.

220. Escape of alien enemies from detention camps at Amherst, N.S.—(*Senate*)..*Not printed.*

221. Return to an Order of the House of the 21st February, 1916, for a copy of all letters, petitions, papers, telegrams, tenders and other documents relating to the establishment of a rural mail route from Alma, through Sylvester and Loch Broom, and as to the closing of the post offices at Sylvester and Loch Broom. Presented March 31, 1916.—*Mr. Macdonald*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

222. Return to an Order of the House of the 3rd February, 1916, for a copy of all petitions, letters, papers, telegrams, tenders and other documents relating to the establishment of rural mail route from Scotsburn to North Scotsburn, Rogers Hill and Hardwood Hill, and as to the closing of any post offices on said route. Presented March 31, 1916.—*Mr. Macdonald*.. .. .. .

CONTENTS OF VOLUME 28—*Continued.*

232. Return to an Order of the House of the 15th March, 1916, for a copy of all letters, telegrams and petitions in the possession or under the control of the Post Office Department having reference to the dismissal of Postmaster McRitchie at North River Centre, Victoria County, Nova Scotia, and to the appointment of Neil McLeod in his place. Presented April 5, 1914.—*Mr. McKenzie*.. .. ..*Not printed.*

233. Return to an Order of the House of the 27th March, 1916, for a copy of all petitions, correspondence, telegrams, recommendations and other papers or documents in the possession of the Postmaster General or his department, relating to the dismissal of James Hall, Postmaster at Milford Haven Bridge, Guysborough County, Nova Scotia, and the appointment of Guy O'Connor, as his successor. Presented April 5, 1916.—*Mr. Sinclair.* *Not printed.*

234. Return to an Order of the House of the 7th February, 1916, for a report showing the apportioning of electoral polling divisions in Manitoba, made by judges under authority of the Dominion Elections Act, 7-8 Edward VII, Chapter 26. Presented April 5, 1916.—*Sir Wilfrid Laurier*.. .. ..*Not printed.*

235. Return to an Order of the House of the 23rd February, 1916, for a copy of all profiles, reports, correspondence and all documents concerning the construction of a viaduct at Amqui, on the Intercolonial Railway, at the place called Traverse Dubé, Dubé Crossing; also of the plans of properties belonging to the Intercolonial Railway at Amqui, and of the land leased to the Municipality of Amqui, with a copy of the lease affecting such land. Presented April 5, 1916.—*Mr. Lapointe (Kamouraska)*.. .. ..*Not printed.*

236. Return to an Order of the House of the 20th March, 1916, for a return showing the number of horses bought for remounts in Alberta, the persons from whom they were purchased, and the amount paid for each horse. Presented April 6, 1916.—*Mr. Buchanan.* *Not printed.*

237. Return to an Order of the House of the 15th March, 1916, for a return showing:—1. Who has been furnishing food, clothing and other necessary supplies to the soldiers at North Sydney and Sydney Mines, since the 4th August, 1914, to the 1st February, 1916. 2. The names and amounts paid to each, and amounts due to each on 1st February, 1916, over and above what has already been paid. 3. Whether the said supplies of all kinds were obtained or called for by public tender. If so, how the tenders were called, and who the tenderers were. 4. If the contracts for such supplies were always given to the lowest tenderer. 5. The names of those who tendered, and the figures of the tenders in each case. 6. The different methods by which tenders were invited, and for what classes of merchandise or supplies. Presented April 6, 1916.—*Mr. McKenzie*.. ..*Not printed.*

238. Order in Council No. P.C. 680, dated 23rd March, 1916, respecting the application of the Industrial Disputes Investigation Act, 1907, in the case of disputes between employers and employees affecting the delivery of war supplies. Presented by Hon. Mr. Roche, April 6, 1916.. .. ..*Not printed.*

239. Return to an Order of the House of the 13th March, 1916, for a copy of all the evidence taken by the Commission appointed to inquire into claims for damages made against the Militia Department in the town of Sydney Mines, Nova Scotia, and of the report made upon each claim or case, said claims being for damages to lands and other property. Presented April 7, 1916.—*Mr. McKenzie*.. .. ..*Not printed.*

240 Return to an Order of the House of the 1st March, 1916, for a copy of all letters, correspondence and telegrams between the Speaker, the Clerk of the House of Commons, the Civil Service Commission and the Minister of Finance in regard to the proposed appointment of Mr. H. Crossley Sherwood, as Assistant Clerk of Routine and Records, from 1st October, 1914, down to the present date. Presented April 7, 1916.—*Mr. Turriff.* *Not printed.*

240*a*. Supplementary Return to an Order of the House of the 1st March, 1916, for a copy of all letters, correspondence and telegrams between the Speaker, the Clerk of the House of Commons, the Civil Service Commission and the Minister of Finance in regard to the proposed appointment of Mr. H. Crossley Sherwood, as Assistant Clerk of Routine and Records, from 1st October, 1914, down to the present date. Presented April 10, 1916.—*Mr. Turriff*.. .. ..*Not printed.*

241. Return to an Order of the House of the 20th March, 1916, for a copy of all recommendations, letters, telegrams and correspondence relating to the recent appointment of a lightkeeper at Arisaig, N.S. Presented April 7, 1916.—*Mr. Chisholm (Antigonish).* *Not printed.*

242. Return to an Order of the Senate dated 31st March, 1916:—For a copy of all papers, letters and all correspondence regarding the passport granted to W. F. Bauman, an alien enemy. The said Bauman is a Bavarian.—(*Senate*).. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

243. Return to an Order of the House of the 3rd February, 1916, for a copy of all letters, telegrams, or other communications sent to the Government or any member or department thereof before 15th August, 1914, pointing out the necessity of granting relief to the settlers in the drouth-stricken area of Alberta. Presented April 10, 1916.—*Mr. Buchanan*.. .. ..*Not printed.*

244. Return to an Address to His Royal Highness the Governor General, for a copy of all correspondence with the Imperial authorities respecting legislation by the Parliament of the United Kingdom, in answer to the petition of the Canadian Parliament asking for amendment of the *British North America Act* with reference to the Senate. Presented April 10, 1916.—*Sir Wilfrid Laurier*.. .. ..*Printed for sessional papers only.*

245. Return to an Address to His Royal Highness the Governor General of the 7th February, 1916, for a copy of all letters, correspondence, memoranda, Orders in Council, etc., relative to the Transatlantic Mail Service for the winter season 1915-16, and passing between the contractor company and any Department of Government or Minister of the Crown. Presented April 10, 1916.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

246. Return to an Order of the House of the 21st February, 1916, for a return showing the amounts of money paid by all Departments of the Government to the Regina "Province" and "Standard," the Moosejaw "News," and the "Saskatchewan Star," respectively, in each of the years 1914 and 1915. Presented April 10, 1916.—*Mr. Martin (Regina)*.. .. ..*Not printed.*

247. Return to an Order of the House of the 5th April, 1916, for a copy of all questions asked of candidates for examination in the Inside Civil Service since the 1st May, 1912. Presented April 10, 1916.—*Mr. Boulay*.. .. ..*Not printed.*

248. Return to an Order of the House of the 3rd February, 1916, for a return showing:—1. Who recruiting officers were for the counties of Lunenburg, Queens, Shelburne and Yarmouth, Nova Scotia, during the months of July, August, September, October, November and December, 1915. 2. What remuneration each received during each month, for salary, disbursements and expenses. 3. If they are still employed as recruiting officers. 4. If so, what salary is being paid each recruiting officer per day or per month. Presented March 10, 1916.—*Mr. Kyte*.. .. ..*Not printed.*

249. Return to an Order of the House of the 16th February, 1916, for a return showing:—1. Whether the Government, or the Department of Militia and Defence has employed any parties other than the officers of the permanent force to obtain recruits for the overseas forces. 2. If so, the number of persons so employed in each province. Presented April 11, 1916.—*Mr. Hughes (P.E.I.)*.. .. ..*Not printed.*

250. Return to an Order of the House of the 3rd February, 1916, for a return showing the names and addresses of members of the House of Commons and of the various Provincial Legislatures in Canada who are in the service of the Department of Militia and Defence, either in Canada or overseas; the official rank and rate of pay of each; the names of those who are now in Canada; the names of those who are in England; and the names of those who are or have been in active service at any of the battle fronts. Presented April 11, 1916.—*Mr. Kyte*.. .. ..*Not printed.*

251. Return to an Order of the House of the 16th February, 1916, for a return showing:—1. The amounts expended in railway subsidies in Canada during the years 1912, 1913, 1914 and 1915. 2. The amounts by provinces, and the names of the lines to which granted. 3. Amounts expended on the construction of Government-owned railways in Canada during the above years. 4. The amount expended in each province, and the name of the line of railway on which such expenditure was made. 5. Amounts expended on harbour and river improvements in Canada during the above years. 6. The amounts by provinces and the particular places where expended. 7. Amounts expended on the building of public wharves, public breakwaters, and public dredging in North Cape Breton and Victoria during the years 1905 to 1911, inclusive, including the expenditure on Government railways. 8. Amounts expended for like purposes in the said county, during the years 1912, 1913, 1914 and 1915. Presented April 11, 1916.—*Mr. McKenzie.* *Not printed.*

252. Return to an Order of the House of the 29th March, 1916, for a copy of all letters, telegrams, etc., exchanged between the Department of Public Works and the Department of Justice and the Council of the Town of Rigaud, Archibald Macdonald, Elzear Montpetit, and the Rigaud Granite Company, Limited, in connection with the military buildng. Presented April 11, 1916.—*Mr. Boyer*.. .. ..*Not printed.*

253. Return to an Order of the House of the 3rd April, 1916, for a copy of all letters, telegrams and correspondence of all kinds in any way referring to a subsidy granted to the ss. *Amethist,* plying between Montreal and Newfoundland ports during the years 1910-11 and 1911-12. Presented April 11, 1916.—*Mr. Maclean (Halifax)*..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

254. Return to an Order of the House of the 21st February, 1916, for a copy of all letters, papers, telegrams and other documents relating to the survey in the harbour of Pictou, for a proposed new bridge, by the Railway Department; and also a statement showing the amounts paid in connection with said survey, the names of the persons to whom paid, and the purposes for which they were paid. Presented April 11, 1916.—*Mr. Macdonald*.. .. .. .

CONTENTS OF VOLUME 28—*Continued.*

265. Return to an Order of the House of the 12th April, 1916, for a return showing:—1. How many clerks there are in the Finance Department who belong to and are paid from the outside service vote and who work in the inside service. 2. The names of said clerks. 3. Salary paid to each. 4. How long each has been in the service of the Department. 5. If all or any of these clerks have passed any examination. If so, what examination and on what date or dates. Presented April 26, 1916.—*Mr. Turriff*.. .. .. ..*Not printed.*

266. Return to an Order of the House of the 23rd February, 1916, for a return showing:—1. The number of permanent employees in the Department of Inland Revenue in 1915-16. 2. How many there will be in 1916-17. 3. How much money was paid in salaries for temporary employees in each of the following years: 1912-13, 1913-14, 1914-15 and 1915-16. 4. The names of the temporary employees and the dates of their appointment, respectively. Presented April 26, 1916.—*Mr. Lanctot*.. .. ..*Not printed.*

267. Return to an Order of the Senate dated the 14th instant, showing the number of men recruited up to the first day of April, 1916.—(*Senate*).. .. ..*Not printed.*

268. Return to an Order of the Senate, dated the 23rd day of March, 1916, of all papers and documents dealing with the escapes and the liberation of alien enemy prisoners from the detention camp situated at Banff, in the province of Alberta. Ordered, That the same do lie on the table.—(*Senate*).. .. ..*Not printed.*

269. Return to an Order of the House of the 19th April, 1916, for a return showing:—1 Whether there is a Director of Recruiting and Organizations in England for the Canadian Service. 2. If so, his name and duties. 3. The number employed upon his staff. 4. The total expenses of his staff. Presented April 28, 1916... .. ..*Not printed.*

270. Return to an Order of the Senate, dated 11th instant:—For a copy of an application made by Rev. Isaac Hunter Macdonald, of Kintore, Ontario, to the Militia Department for a position of chaplain or major; also, of all copies of letters, papers or telegrams either recommending or opposing said application.—(*Senate*).. .. ..*Not printed.*

271. Return to an Address to His Royal Highness the Governor General of the 29th March, 1916, for a copy of all petitions received by the Governor General in Council requesting the disavowal of the Act of the Legislature of the Province of Ontario, Chapter 45, 5 George V, 1915, concerning the School Commission of the Roman Catholic Schools of the City of Ottawa, and of all documents, memoranda, reports, letters and correspondence concerning the said petitions for disavowal, or concerning the said Act of the Legislature of the Province of Ontario, 5 George V, Chapter 45. Presented May 1, 1916.—*Mr. Lapointe (Kamouraska)*.. .. ..*Not printed.*

271*a*. Order in Council and Report of Minister of Justice transmitting to Lieutenant Governor of Ontario copy of petition from Samuel Genest and others, praying for the disallowance of an Act of the Legislature of Ontario, Chapter 45 of 5 George V (1915). Order in Council and Report of Minister of Justice on the Statutes of the Legislature of Ontario, passed in the 5th year of His Majesty's reign (1915). Report of Prime Minister of Ontario on petition relating to the disallowance of an Act of the Legislature of Ontario, Chapter 45 of 5 George V (1915). Presented May 3, 1916.—*Mr. Lapointe (Kamouraska)*.. .. ..*Printed for sessional papers only.*

272. Return to an Order of the House of the 20th March, 1916, for a copy of all telegrams, letters, correspondence and contracts between the Quebec Harbour Commission and Benjamin Demers, of the parish of St. Nicolas, county of Lévis, concerning the purchase of the St. Nicolas quarry. Presented May 1, 1916.—*Mr. Bourassa*.. .. ..*Not printed.*

273. Return to an Order of the House of the 13th March, 1916, for a return showing a list of vessels belonging to the Canadian Government which are on service under the provision of the Canadian Naval Act, and of all vessels not now in service and their present condition and suitability for service, and also for a copy of all letters, petitions or communications had by or with the Government in regard to the establishment of a Canadian Naval Brigade. Presented May 1, 1916.—*Mr. Macdonald*.. .. .. ..*Not printed.*

274. Return to an Order of the House of the 29th March, 1916, for a copy of all correspondence, petitions and papers, including the report of Charles Bruce, engineer, in the possession of the Department of Marine and Fisheries relating to the construction of a bait freezer at White Head, Nova Scotia. Presented May 1, 1916.—*Mr. Sinclair*

Not printed.

275. Duplicate Return to an Order of the House of the 17th March, 1915, for a copy of all correspondence and reports relating to the purchase of 25,000 shovels of special pattern, mentioned in Order in Council P.C. 2302, dated 4th September, 1914, on page 38 of memoranda respecting work of the Department of Militia and Defence, and also relating to any further purchases of such shovels. Presented May 1, 1916.—*Mr. Hughes (P.E.I.)*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28—*Continued.*

276. Return to an Order of the House of the 5th April, 1916, for a copy of all letters, telegrams, offers, tenders, reports, contracts and documents relating to the sale or other disposal of small arms ammunition since 4th August, 1914. Presented May 1, 1916.—*Mr. Macdonald*.. .. .. .

CONTENTS OF VOLUME 28—*Continued.*

284. Return to an Order of the House of the 27th March, 1916, for a return showing the names and addresses of all persons in the Public Service of any and every Department of the Government of Canada, in the counties of Cape Breton, Victoria, Inverness, Richmond, Guysborough, Antigonish and Pictou, Province of Nova Scotia. Presented May 4, 1916. —*Mr. Carroll*.. .. .. .

CONTENTS OF VOLUME 28—*Concluded.*

295a. Correspondence in respect to the offer of sale to the Government of Canada of the Quebec, Montmorency and Charlevoix Railway, the Quebec and Saguenay Railway and the Lotbinière and Megantic Railway. Presented by Hon. Mr. Reid, May 16, 1916.
Not printed.

296. Return to an Address to His Royal Highness the Governor General of the 1st March, 1916, for a copy of all correspondence, letters, telegrams, Orders in Council, etc., relating to the transfer by the Government of Ontario to the Government of Canada, of the rights held by the former in the lakes, dams, etc., contiguous to or forming a part of the Trent Valley Waterways System. Presented May 17, 1916.—*Mr. Graham.*
Not printed.

297. Return to an Order of the House of the 1st May, 1916, for a copy of all papers, telegrams, letters and other documents in connection with the decision to locate an interior storage elevator at Calgary, Alberta. Presented May 17, 1916.. .. ..*Not printed.*

298. Return to an Order of the House of the 12th April, 1916, for a return showing the plan and description of the proposed permanent harbour quay line in the harbour at Pictou, and for a copy of all papers, letters, telegrams and other documents relating to the establishment of the same. Presented May 17, 1916.—*Mr. Macdonald* .. ..*Not printed.*

299. Return to an Order of the House of the 21st February, 1916, for a copy of all tenders, offers, letters, telegrams and other documents relating to the arrangements for the handling of freight and coal at Pictou, in connection with the boats engaged in the winter service between Pictou and Prince Edward Island during the year 1914-1915, and during the present season. Presented May 18, 1916.—*Mr. Maedonald* .. .. ..*Not printed.*

CANADA

REPORT

OF THE

MINISTER OF PUBLIC WORKS

ON THE

OTTAWA RIVER STORAGE

1915

Submitted in accordance with the Provisions of Chapter 39, Section 34, of the Revised Statutes of Canada.

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
PRINTED BY J. DE L. TACHÉ,
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1916

To Field Marshal, His Royal Highness Prince Arthur William Patrick, Albert, Duke of Connaught and of Strathearn, K.G., K.T., K.P., etc., etc., etc., Governor General and Commander in Chief of the Dominion of Canada.

I have the honour to lay before your Royal Highness the Report of the Department of Public Works of Canada, on the Ottawa River Storage scheme, for fiscal years ending March 31, 1913, 1914, and 1915.

I have the honour to be, sir,

Your Highness's most obedient servant,

ROBERT ROGERS,
Minister of Public Works.

OTTAWA, 30th December, 1915.

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Report on construction and maintenance of Ottawa River Storage Reservoirs.

Surveys in Watershed area.

Notes on Keokuk dam, Mississippi river.

Measurements of flow of Ottawa river and tributaries.

Records of water stages Ottawa and St. Lawrence.

Public Works, Canada.
UPPER OTTAWA STORAGE
BASIN
OF THE
OTTAWA RIVER
SCALE OF MILES
MONTREAL
OTTAWA
Hull
PEMBROKE
MATTAWA
PETAWAWA
BONNECHERE
MADAWASKA
MISSISSIPPI
RIDEAU
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LIEVRE
ROUGE
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KIPAWA
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Lachine Rapids
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Ottawa River
Gatineau River
Lièvre River
Rouge River
North River
Nation River
Mississippi River
Rideau River
Black River
Coulonge River
Dumoine River
Kipawa River
Montreal River
Kinojevis River
Abitibi L.
Turnback L.
Opasatika L.
Expanse
Gillies
Trout
Eddy
Dumoine
Buckshot
Rimouski
Timagami L.
Obabika L.
Lady Evelyn L.
Kiosk
Big Rapids
Wapusanan L.
Victoria
Simard's
Girous L.
Brule
Bay L.
Old Man Sprucel R.
Dog Portage
Sifton L.
Christopherson
Bell River
To Hudson Bay
Kapiskau River
Kapiskau L.
Shagshadowan R.
Vapajashan
Sullivan L.
Kakabonga
Bark L.
Kabinakagami R.
Pivabiska River
Sans de Terre R.
Desaulniers
Romaine River
Desert River
Eagle River
Pythonga
Joseph R.
Clark L.
Nemiskachi
Kibbon R.
St. Maurice River
Kanawa R.
Pine Roots
Nemiskachi
Nemining
Mistassini R.
Mistassini Post
Waskaiong
Kiamika River
Dunnell
Labelle
St. Jovite
St. Agathe
Mesinonge L.
Ouias
Simard
Poudrette Lock
Buckingham
Hawkesbury
Plantagenet
Vaudreuil
Montreal
Caledonia Springs
Cassburn
Crysler
Chesterville
Cornwall
Smiths Falls
Merrickville
Kemptville
Oxford Mills
Burritts Rapids
Long Island Rapids
Kilmarnock
Carleton Place
Almonte
Arnprior
Galetta
Chats Rap.
Chenaux
Calumet Rap.
Allumettes Rap.
Pembroke
Petawawa
Cedar Lake
Trout L.
Travers L.
Opeongo L.
Clear L.
Lavieille L.
Aylen L.
Round L.
Golden L.
Bark L.
Kamaniskeg L.
Calabogie L.
Long L.
Loon L.
Crossl
Mazinaw L.
Sharbot L.
Bobs L.
Rideau L.
Smiths Falls
Merrickville
Kemptville
Oxford Mills
Burritts Rapids
Long Island Rapids
Deschenes Rap.
Chaudière Falls
Paugan Falls
Dumoine
Pikanock R.
Mattawa
Snake Cr.
Rimouski
St. Patrick L.
Dumoine
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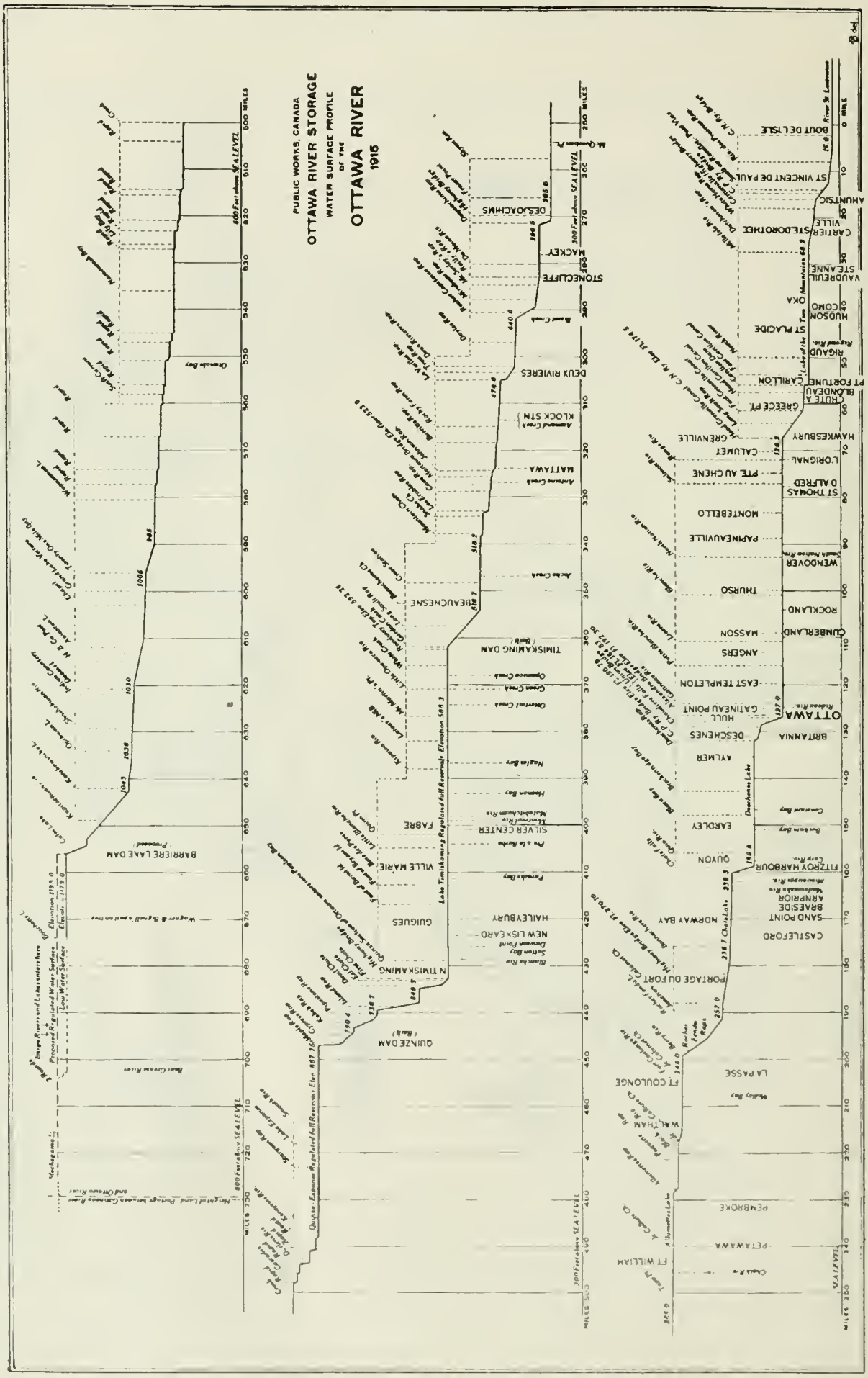
St. Patrick L.
Dumoine
Eddy
Buckshot


PUBLIC WORKS, CANADA
OTTAWA RIVER STORAGE
WATER SURFACE PROFILE
OF THE
OTTAWA RIVER
1916
OTTAWA
BARRIERE LAKE DAM
(Proposed)
TIMISKAMING DAM
(Built)
QUINZE DAM
(Built)
Proposed Regulated Water Surface
Low Water Surface
Lake Timiskaming Regulated Full Reservoir Elevation 567.3
Quota-Expanse Regulated Full Reservoir Elev. 881.75
Elevation 1198.0
Elevation 1119.0
SEA LEVEL
MILES

OTTAWA RIVER STORAGE.

Department of Public Works, Canada,

Ottawa, Ont., June 23, 1915.

E. D. Lafleur, Esq.,
Chief Engineer,
Public Works Dept., Ottawa.

Sir,—I have the honour to submit a report on the Ottawa River Storage work covering generally the period from 1st April to 31st March, 1915.

The storage scheme had its inception some years ago in connection with a maintained flow of water for the Chaudière powers at Ottawa. It was actively pushed between 1904 and 1908, when construction was decided upon.

The first idea was to build eight or ten dams of comparatively low height at the outlets of various lakes; they were to be of wooden cribwork, similar to those built throughout the country by lumbermen, with weirs closed by stoplogs. Extended investigation however showed that better results would be obtained by confining the work to the three large lakes, Quinze-Expanse, Timiskaming and Kipawa, each over 100 square miles in area and into which large watersheds drained.

It was therefore decided to build concrete structures of considerable height and secure as deep storage as possible upon each of these three lakes. The raised surface for these reservoirs was sharply limited by damage to property which was rapidly increasing in value owing to the exploitation of Cobalt and other mining areas.

TIMISKAMING DAM.

The dam was begun in May, 1909, the contractors were relieved of the work, August, 1911, and it was completed by the department, August, 1912. The cost, including damages, will be nearly $500,000. The total length of dam is 1,600 feet, the height 25 feet, and the flood flow through sluice-ways 100,000 cubic feet per second, several times more than through the Assuan dam, Egypt. To avoid excessive inundation, arrangements were made to deepen and widen the outlet of the lake, and thus tap lower layers of the reservoir.

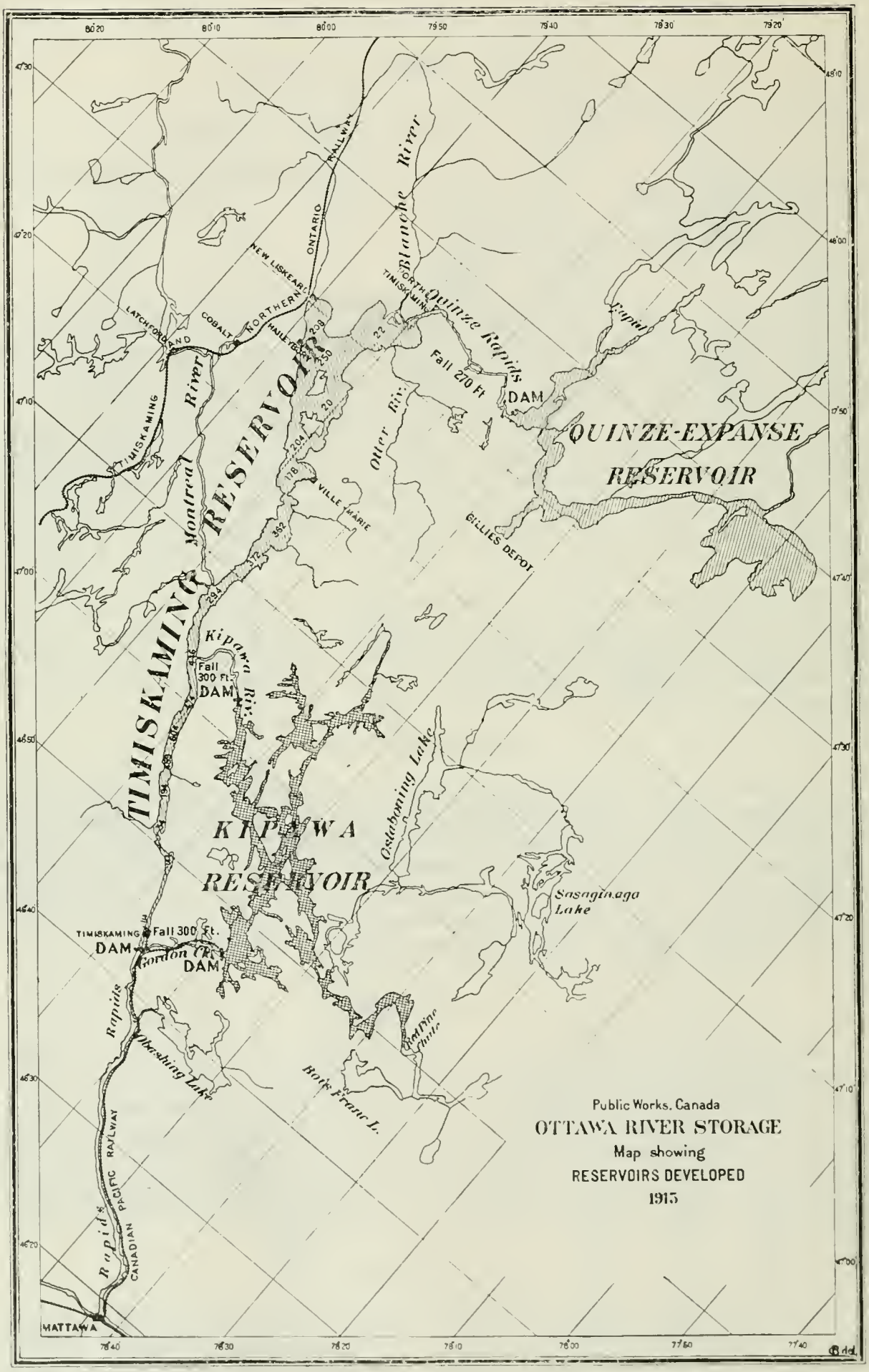
KIPAWA DAM.

The Kipawa river dam at the north end of the lake was begun November, 1910, and completed May, 1911, at a cost of $62,000.

The Gordon Creek dam at the south end of the lake was begun October, 1911, and completed May, 1912, at a cost of $42,000. Land damages are roughly estimated at $6,000, and the total expenditure will be $110,000. In 1911, the partial storage given off from Kipawa reservoir helped to avoid the recurrence of extreme low water and consequent trouble with the domestic supply at Ottawa city.

QUINZE DAM.

Work was begun August, 1911, by daywork, and a contract was let May, 1912, to be completed September, 1914. It was finished in October, 1914, but no storage was available for that autumn. Damages to timber limits by flooding are difficult to estimate, but the 23,000 acres affected may be placed at $70,000,


Blanche River
Quinze Rapids
Fall 270 Ft.
DAM
QUINZE-EXPANSE
RESERVOIR
Upper
Otter Riv.
GILLIES DEPOT
VILLE MARIE
TIMISKAMING
Montreal River
RESERVOIR
Kipawa River
Fall 300 Ft.
DAM
KIPAWA
RESERVOIR
Ostaboaning Lake
Sasaginaga Lake
TIMISKAMING
Fall 300 Ft.
DAM
Gordon Cr.
DAM
Rapids
Wasbishing Lake
Rapids
Bats Franc L.
Rapide Blanche
NEW LISKEARD
ONTARIO
RAILWAY
NORTHERN
TIMISKAMING
COBALT
HAILEYBURY
LATCHFORD LAND
TIMISKAMING
CANADIAN PACIFIC RAILWAY
MATTAWA
Public Works, Canada
OTTAWA RIVER STORAGE
Map showing
RESERVOIRS DEVELOPED
1915

the total cost would then be about $500,000 for this reserve. The dam is a rock-fill, over a mile long, with sixteen regulating sluices capable of passing flood flow.

Total cost of all dams is estimated at $1,110,000, not including Kakabonga, which is estimated at $250,000 more.

Although the results are still very incomplete, the efficiency of the storage reservoir has already indicated itself. In April, 1913, the spring break-up was very early with the result that the Madawaska and other south tributaries of the Ottawa discharged rapidly, leaving but little ground water in their watersheds for the summer's supply.

The ensuing rainfall was very scant, in fact the period from April to September, inclusive, showed only 14 inches precipitation, the lowest since 1906. Timiskaming reservoir filled quickly and remained full with surplus water running out until the end of June, from which time it was necessary to draw steadily on the storage till the middle of October, when 7 feet had been taken off, and navigation interests began to complain.

Kipawa reservoir was also drawn down about 7 feet when navigation was affected in a peculiar manner, as the raised level had allowed of going into bays formerly never approached, but to which access now became a vested right. There was also difficulty in loading steamboats from the wharfs when the surface lowered 7 feet.

The benefits of storage were shown by an increased navigation depth on both Kipawa and Timiskaming. There was also about 1 foot better water than in 1906 through Allumettes lake, Chats lake, and Deschênes lake, while at the foot of the Rideau locks, Ottawa, there was 2 feet better depth than during former dry years. The surface was also a foot higher at Grenville and a foot higher over lake of two mountains than during the low periods of 1906 and other years. If, of course, these reaches were penned up with dams and weirs, at least 5 feet better depth could have been maintained throughout the season. In the natural state it takes almost spring freshet flow to raise the various lakes 5 feet above low-water regimen.

The second series of benefits consisted of the increased amounts of water passing over the various falls along the Ottawa river. At present only the Chaudière fall at Ottawa is developed and when the flow is less than 20,000 c.f.s., the various powers experience shortage, but at 30,000 c.f.s., all have sufficient water, labour is constantly employed, and the municipal requirements for light and transportation are easily met.

In 1913, the flow at Ottawa diminished to 20,000 c.f.s. about the middle of August, but instead of falling below this it was maintained at about that figure till autumn. This, too, although the autumn rains were delayed till the end of October, after which there was an abundant supply during January, February, and March, 1914.

TIMISKAMING RESERVOIR.

The detailed description of Timiskaming reservoir will be taken up first. It consists of the lake of that name, which has an area of over 100 square miles and is navigable for steamboats for 70 miles from Timiskaming station, Canadian Pacific Railway, to North Timiskaming. This lake is a rift in the granite plateau filled by the Ottawa river through the Quinze rapids and emptying through another rapid portion of the Ottawa extending 38 miles from Timiskaming to Mattawa.

Upon this reservoir area 15 feet in depth of an available storage is held by the Timiskaming dam consisting of 20 odd weirs with concrete piers between, each weir being closed as desired with stoplogs. The storage can easily be accu-

mulated from the 8,000 square miles of drainage area above and the 11,000 square miles of local basin.

The concrete weirs at the outlet were begun in May, 1909, the contractors being Messrs Kirby & Stewart, who were relieved of the work in August, 1911. The department then completed the dam, and it was put into operation August, 1912. The total length of the dam is 1,600 feet with 20-odd regulating weirs capable of discharging a flood flow of 100,000 c.f.s.

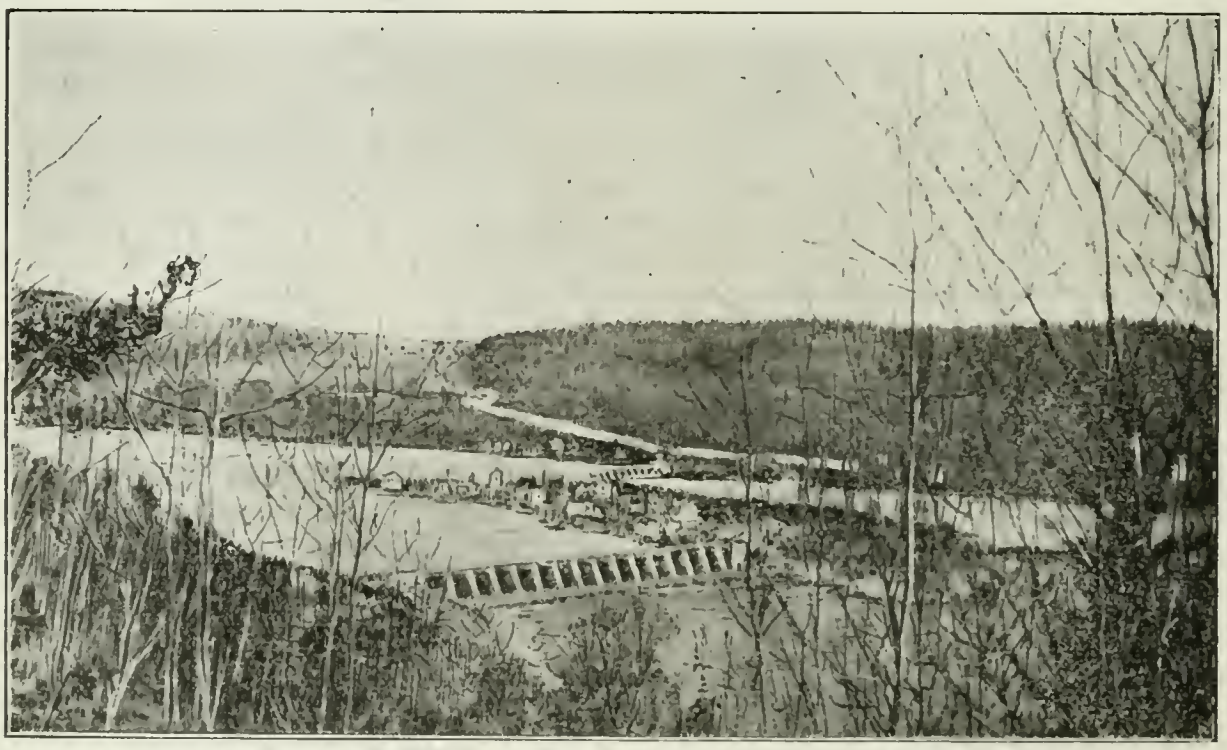
The construction of the Quebec channel dam, during the winter of 1912, was hampered by an unremitting fight against water during very cold weather. Anchor ice formed in quantity at the mouth of Gordon creek, 300 feet down stream from the dam, and the penned-up water threatened to overtop the lower coffer-dam. The coal supply for steam machines was constantly running low owing to an extensive strike in the Pennsylvannia fields and the pumps and other machinery became frozen despite constant care.

By the middle of April, the foundation slab was completed, also the filling of the cut-off trench with concrete. This trench was a very serious undertaking, especially in its western half, where the water-saturated sand caved in to an alarming extent. By the end of the month, the sluices had been completed and as much riprap as possible was laid along each shore as a protection against the current. The coffer-dam was then blown out both above and below the work as far as the rapidly rising water admitted.

To avoid excessive inundation of property and still obtain a great volume of storage water, the design contemplated the widening and deepening of Timiskaming outlet.

In May, the steam shovel was moved into the Ontario channel, and after an enforced idleness due to high water, worked from the middle of June to 7th September. This work was necessary in order to complete the enlargement of the Ontario channel, which in the natural state passed only a high-water flow. It is now 20 feet deep at full reservoir and 400 feet wide.

About 4,000,000 pieces of timber, mostly sawlogs and pulp wood float past Timiskaming every year, so a timber pass with heavy booms forming a funnel approach was constructed and has given satisfaction.



No. A.—General view Timiskaming dam, Ontario sluices in foreground.

For removing and placing the stoplogs in the sluiceways a lifting machine consisting of two 40-foot spuds with rack attachments was set up in May, 1912. It is driven by a 10-h.p. Dake steam engine connected by gearing to pinions that mesh into the spud racks.

The log-lifting machine has given fair satisfaction, but an accident twisted one spud, a 9 by 9 I-beam, during the rise of May, 1913, and the dam was without lifting machine for several days. Hand winches, which are held in reserve, sufficed to take out enough stoplogs to pass the flood, but the surface stood nearly a foot above regulated level for some days. The engagement of the lifting spud with the lower stoplogs when a heavy current is passing through the sluiceway presents constant dangers and difficulties.

A new lifting apparatus capable of raising all the logs fastened together as one gate has been designed, and detail structural plans prepared. The cost would approach $50,000, so its construction has been deferred for the present.

Several attempts have been made to remove parts of the cofferdam with explosives, but although the wooden cribwork is easily blown apart, there is little effect upon the stone filling. The dredge was brought down but was unable to remove the material, owing to the strong current.

A very serious wash-out below the Ontario sluiceways of Timiskaming was discovered in July, 1913, after the spring freshet had subsided. On the 25th April, a critical examination was made below the dam, but no scour of any consequence had then taken place. Between April and July, however, the lower apron, a concrete slab 1 foot thick, extending 400 feet across the channel and 50 feet downstream, was broken up and carried away for a length of 200 feet. The river bottom was scoured out 20 feet below grade for a distance of about 100 feet, and at 200 feet the erosion was fully 5 feet deep.

Why the river bottom was not scoured out during the two previous summers, that this part of the dam had been in operation is impossible to say. No excavation was done during the past two years downstream, but the channel upstream was enlarged during the last summer and many larger boulders were loosened by the steam shovel. Possibly the strong current of the spring freshet may have carried boulders bouncing through the sluices, which cracked the lower apron. On the other hand, the vertical back swirl, due to the heavy sheet of water, may have broken through the hard-pan layer and washed out the sand and gravel beneath.

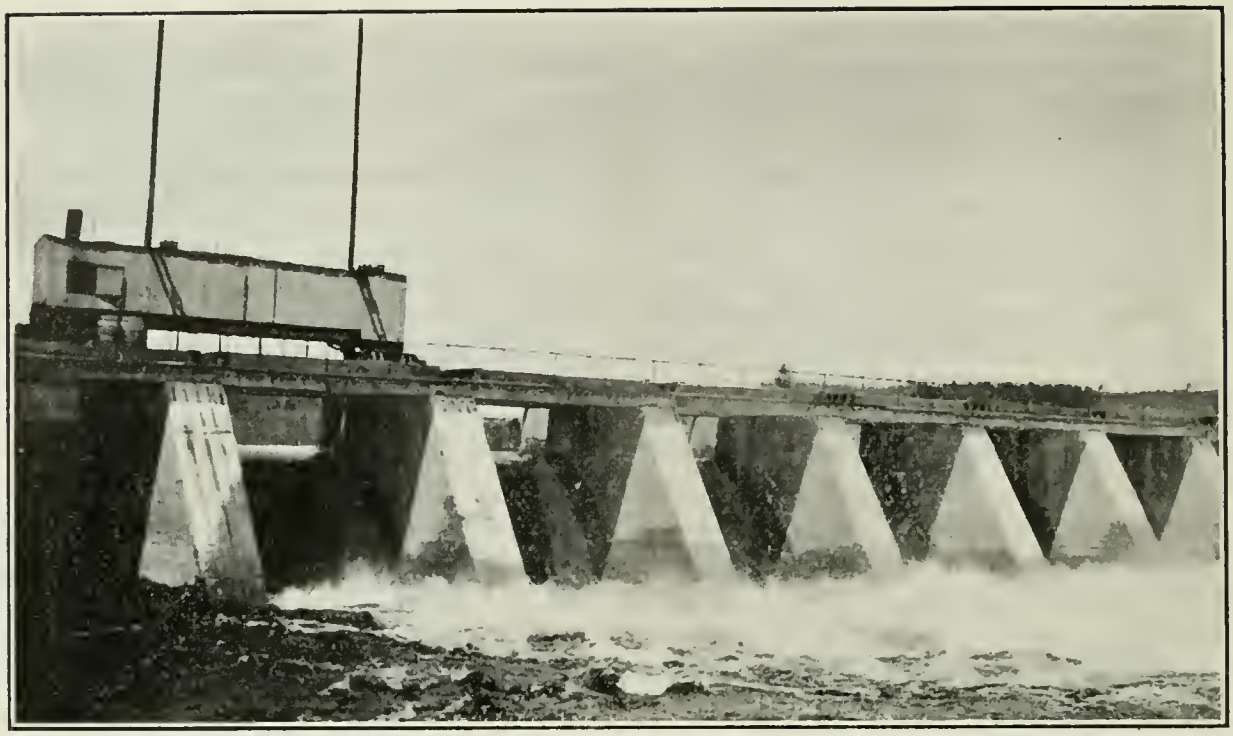
To make repairs, it was necessary to first place all the stoplogs in the Ontario sluiceways and then to staunch them tight with plank sheeting and canvas curtains. A quarry was then opened near the Ontario end of the dam, and the broken rock was deposited in the scoured-out portion of the river bed.

The scour also extended underneath the concrete floors of the sluiceways, and this had to be filled with concrete deposited through water 10 to 20 feet in depth. Every precaution was taken against leakage to prevent currents that might wash away the cement. The concrete was deposited through a trimmie, and the mixture was made very wet, so it would flow as far as possible into the cavity.

On 14th June, 1914, a wash-out occurred beneath the island end of the Quebec sluices at Timiskaming dam, and a hole 15 feet deep was scoured in the river bottom. Three of the concrete piers dropped down, completely wrecking four sluiceways, or about 100 feet in all of the dam.

It was decided to sacrifice the four sluice openings and fill the break with a loose-rock embankment to the full height and width of the roadway. It is allowable to close these openings because the provision has always been found very ample, and the completion of Quinze dam now admits of controlling and lessening the peak of the spring floods.

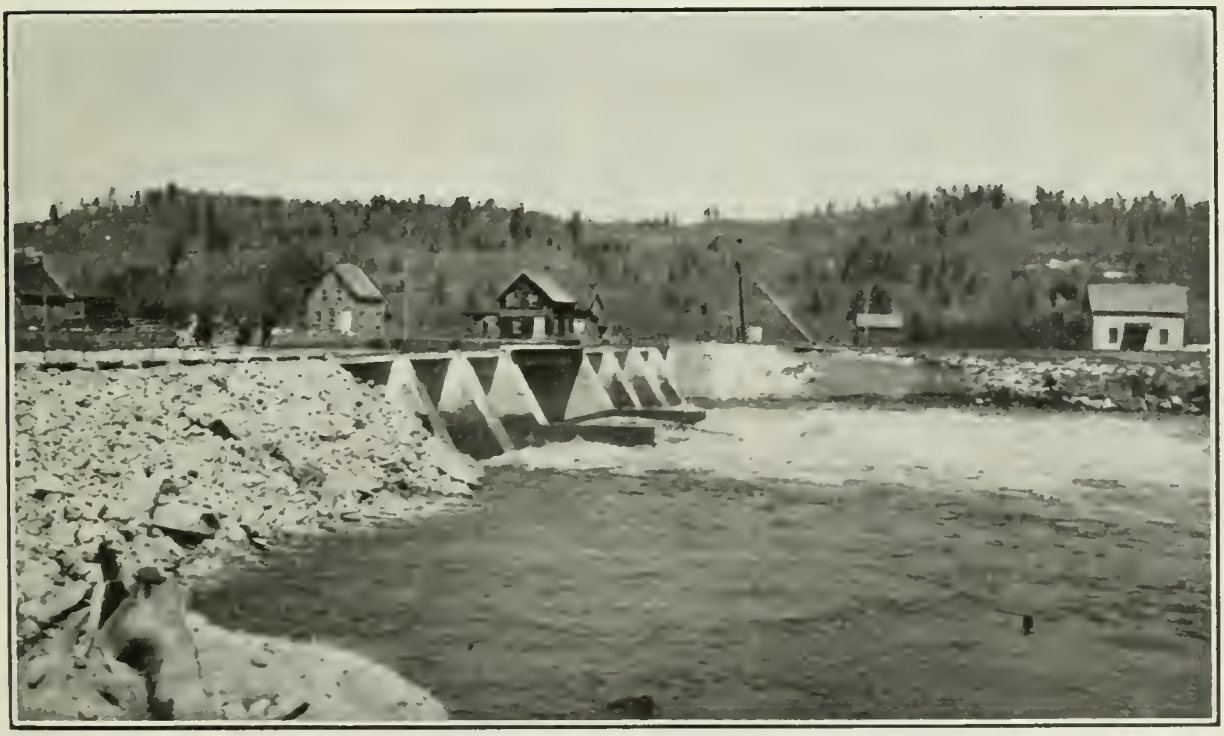
The cause of this wash-out will always remain uncertain, but a leak or piping as it is called must have occurred through the treacherous soil either beneath the piers or in rear of island abutment.



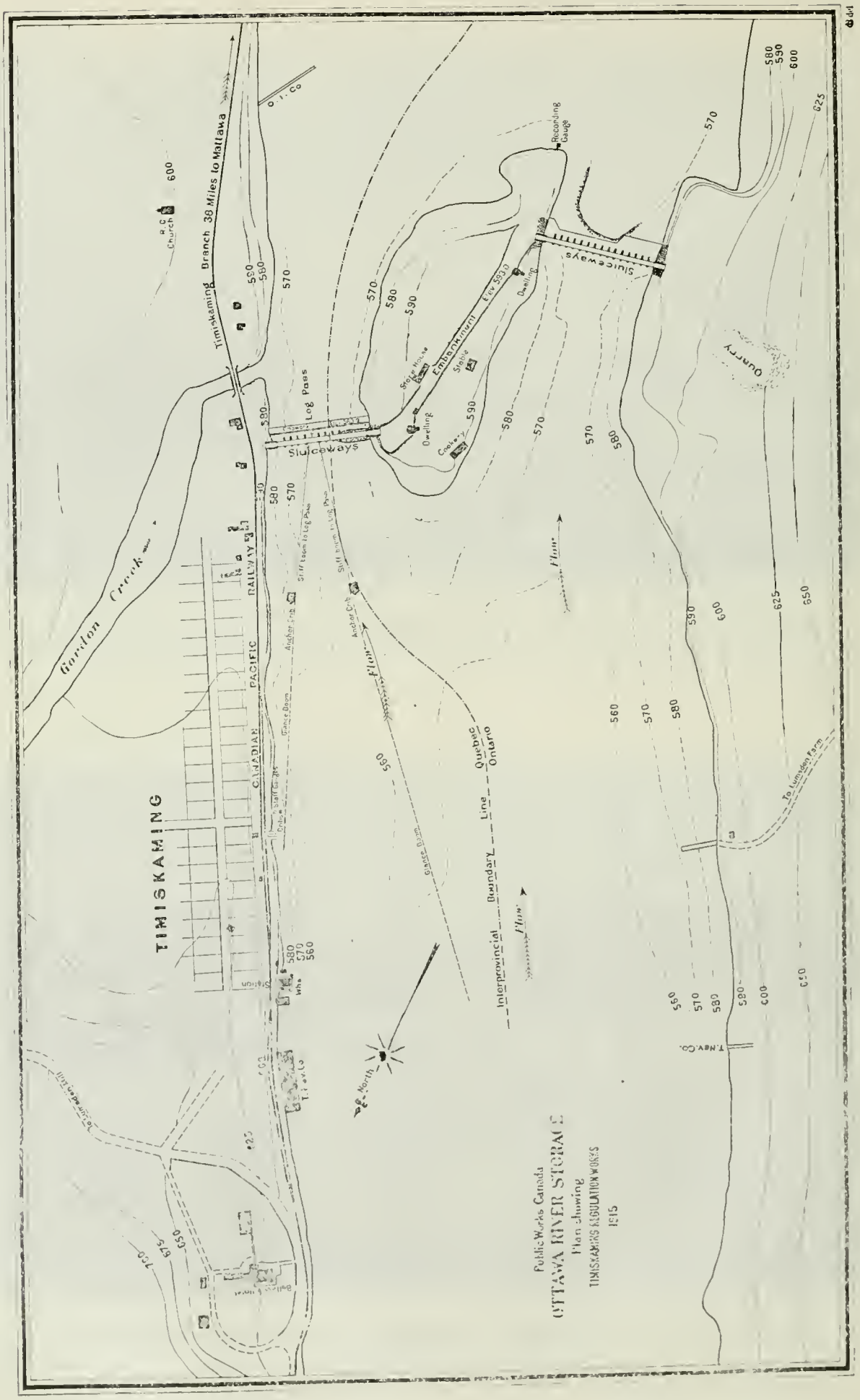
No. 1.—Timiskaming Reservoir, Ontario sluices; lifting machine with spuds up ready to lower and grapple a stoplog. Beneath the white water twenty feet in depth of rock has been deposited to fill in the scouring of the river bed.

No. 2.—Timiskaming Reservoir, Quebec sluices; crib-work being placed along downstream side to protect against scouring.

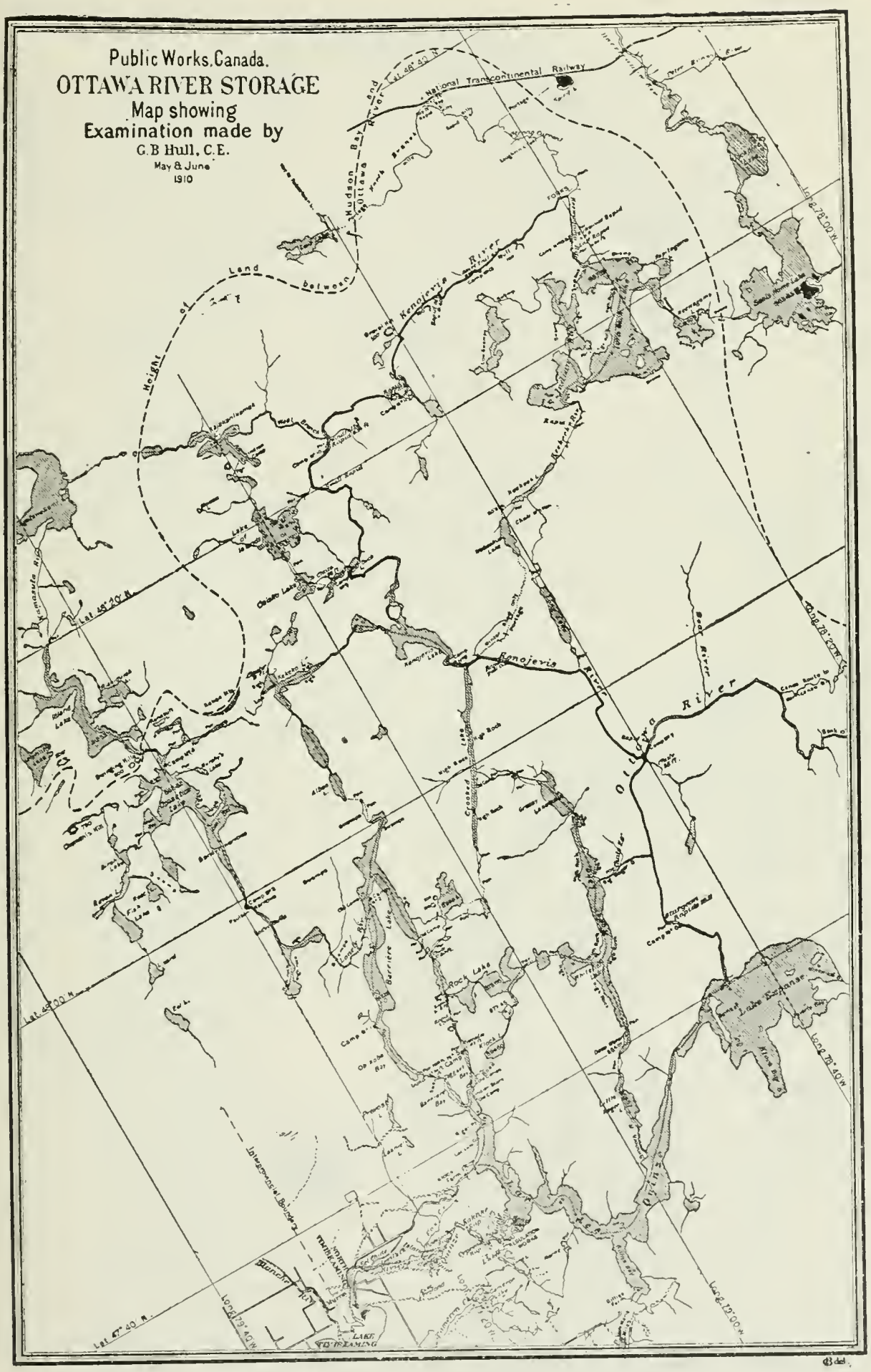
No. 3.—Timiskaming Reservoir, Quebec sluices; washout, June, 1914, fifteen deep when four sluiceways were destroyed.
Temporary suspension bridge 100 feet long, also locomotive crane depositing rock in gap, are shown.



No. 4.—Timiskaming Reservoir, Quebec sluices; washout repaired by rock-fill embankment. Slight leakage through rock is seen along toe.


Timiskaming Branch 36 Miles to Mattawa
Gordon Creek
TIMISKAMING
CANADIAN PACIFIC RAILWAY
Log Pass
Sluiceways
Embankment
Elev. 595.0
Recording Gauge
Dwelling
Stable
Cookery
Stage House
Quarry
Flow
Interprovincial Boundary Line
Quebec
Ontario
To Lumsden Farm
North
Public Works Canada
OTTAWA RIVER STORAGE
Plan Showing
TIMISKAMING REGULATION WORKS
1915

SESSIONAL PAPER No. 19a



EXPANSE
LAKE
Over 40 ft deep
Over 40 ft deep
Over 40 ft deep
Shoals
Poverty Bay
Low Country
Ottawa River
Quinze Lake
Burnt Island
Moor Bay
Mink Bay
Over 40 ft deep
Public Works, Canada
Upper Ottawa Storage
Lake Expanse
Soundings taken January 1910
S B Johnson
Asst Engineer
North
Winneway Road

QUINZE RESERVOIR.

Quinze reservoir consists of lakes Expanse and Quinze, navigable for 60 miles, and totaling 120 square miles in area, upon which a depth of 20 feet can eventually be stored. The watershed area tributary to this reservoir is about 8,000 square miles.

The dam is a rock-fill, over a mile long, with sixteen regulating sluices, situated about the central part, closed with stoplogs, and capable of passing the flood flow. It was located and designed in 1910, and the foundation of the sluice-ways was built directly by the department, work closing in March, 1912. A contract was let to Messrs. Morrow and Beatty, 29th April, 1912, for the completion of the concrete sluiceways and the rock work. Owing to the condition of the summer roads, little could be done on the work, but a firm of sub-contractors, Messrs. Dibona and Orlando, commenced operations in September, 1912. Some clearing and grubbing was done and the excavation of a bank seat trench commenced on the north side of the river.

During the winter of 1913, British Columbia fir stoplogs were hauled into the work; also sufficient cement to build the concrete sluiceways.

Concrete work began on 1st April, 1913, gravel being used from the pit previously opened for the foundation concrete. The cement was much fresher than that used the year previously in foundations, but it was found that the concrete was again very slow in setting. In consequence, the gravel was washed with improved, but not altogether satisfactory results, as to rapidity of set. Pipes were then arranged to spray water continuously upon the piers, and after a time a throughly good monolith was obtained.

It has since been found that this slow setting was due to some brown gravel distributed in layers through the pit, which contains chlorates of magnesium and potassium, that tend to retard the set. The only method of overcoming this unusual difficulty is selection in the gravel pit, if possible, accompanied by very thorough washing. The concrete piers were completed by the end of June, after which the steel girders and concrete deck were placed on top. Extra cement had to be secured for this work, as a richer mixture than contemplated was used, owing to the slow setting. The cartage of this cement over the summer roads caused considerable delay, and the deck was not finally finished until the beginning of September.

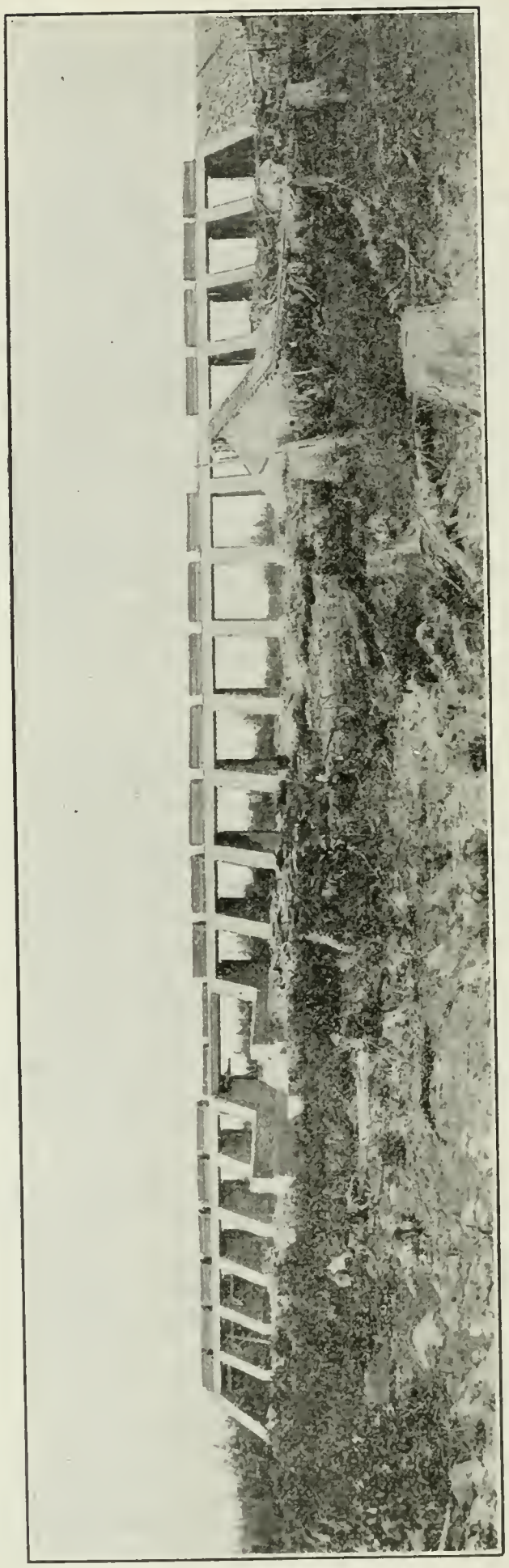
When a rock-fill is built upon the natural surface of the river shore, the seepage issuing along the toe, with the reservoir full might undermine the foundation. After consideration it was decided to excavate a trench to good material along the downstream toe, which will be filled with the loose rock of the dam. The seepage is thus carried away through this large stone drain without scouring the earth beneath the fill.

The work was largely rock excavation from borrow pits, which has been deposited in the rock-fill dam, but some further excavation was done to obtain foundations for sluice-way piers.

The south end of the embankment across swampy ground was completed in July, 1913, and has settled somewhat since. During construction there was considerable settlement into the soft swamp which, of course, has increased the quantity of rock used. Staunching material of earth and gravel has been deposited upon the upstream slope all along the embankment.

The rock-fill dam was extended into the river from both the north and south sides, the central portion averaged nearly 40 feet in height. A junction was made 26th February, 1914, before high water rendered the head excessive.

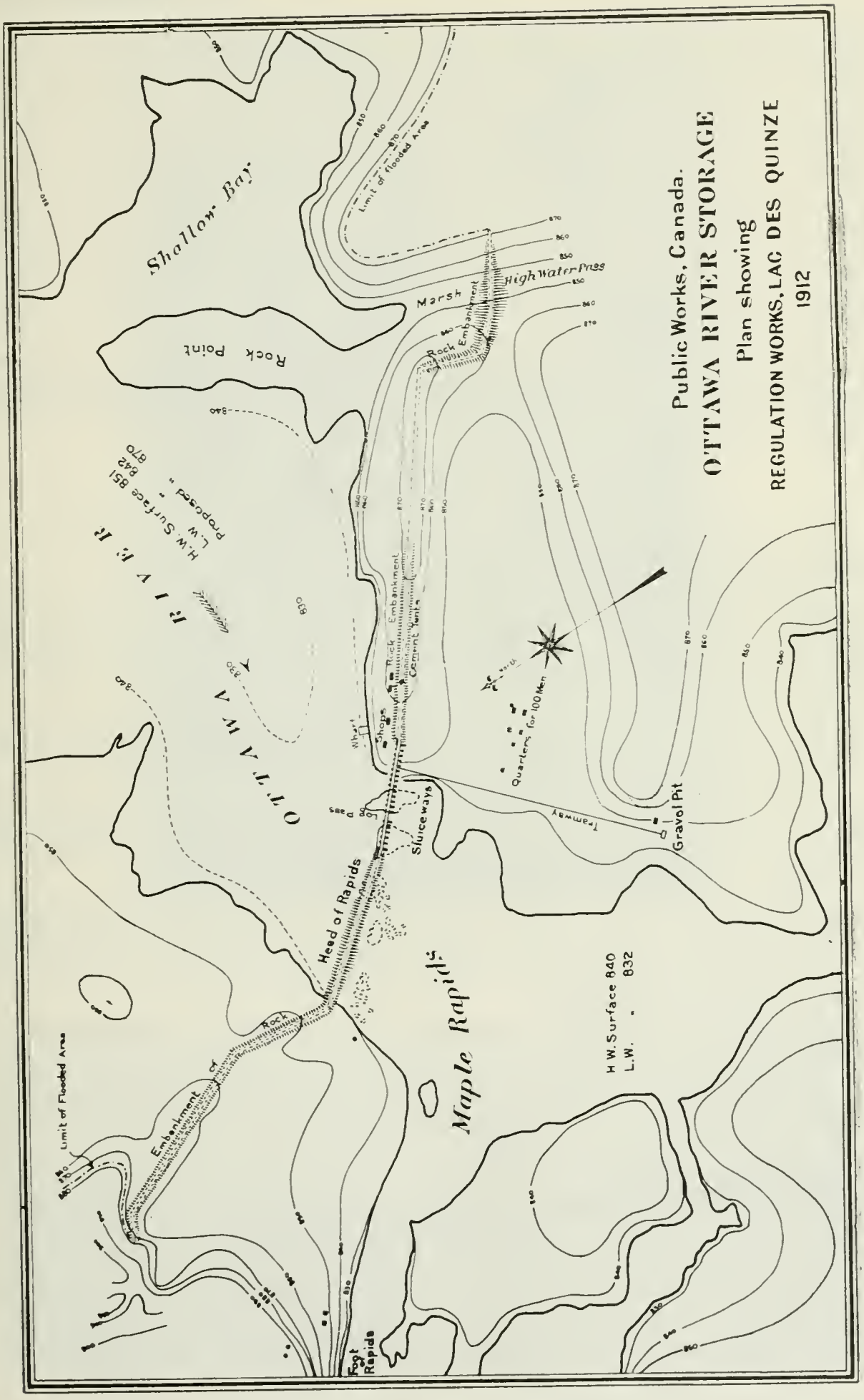
The original estimate, made in 1911, was $237,000, and the final cost $297,000, the increase of $60,000 being due principally to greater quantities of rock excavation than expected. It was thought that 70,000 cubic yards of



No. 5.—Quinze Dam, showing concrete slideways and log pass, with rock-fill at right. This structure was so located as to be built without cofferdam, and the water raised after its completion.

No. 6.—Quinze Dam, downstream face of rock-fill embankment and bed of river laid dry.

SESSIONAL PAPER No. 19a



rock in solid would make 105,000 yards in the embankment, or that 1 cubic yard solid would yield 1½ yards in bank. As previously reported, however, there was considerable settlement in the fill, though very little rock was lost in the current. Altogether 113,600 cubic yards of rock were excavated from the borrow pits and the sluice foundations, all of which was deposited in the fill except 4,500 cubic yards used for concrete. The rock excavation was done by coyote blasts, that is a small tunnel was driven in 20 or 30 feet, a T chamber made at the end and loaded with powder and dynamite. Much of the rock, in pieces up to a cubic yard and over, was hauled a quarter of a mile on stone boats sliding on wooden poles. The central portion was hauled from the north side borrow pits by narrow-gauge cars into which the rock was lifted by Forest loaders. These are small horse-power derricks that have proved very useful, both at Quinze and at Timiskaming.

From April, 1914, the work consisted chiefly of widening and trimming the rock fill and depositing gravel on the upstream slope. The work was completed 20th October, 1914, in a very satisfactory manner, and the final estimate has been paid.

SURVEYS.

An examination was made of Kakabonga lake, the source of the western part of the Gatineau river, by Mr. A. Gray, in September, 1912.

The scheme was to build steel frame sluice-ways controlled with stoplogs at Barrière post, Hudson's Bay Company, near the north outlet and across the Gens de Terre river near the south outlet. Detail surveys were made and the estimated cost was $172,000, without damages to timber that would be flooded along the borders of the reservoir.

During February and March, 1913, Mr. W. E. Blue ran a general flood contour around the main shore of the lake, but numerous low islands yet remain to be examined.

If dams were built across both outlets of Kakabonga, a storage reservoir of 15 feet depth and 100 square miles surface would be formed. Unfortunately the catchment basin for this would only be 2,500 square miles, so Kakabonga, like Kipawa, might not fill during dry years.

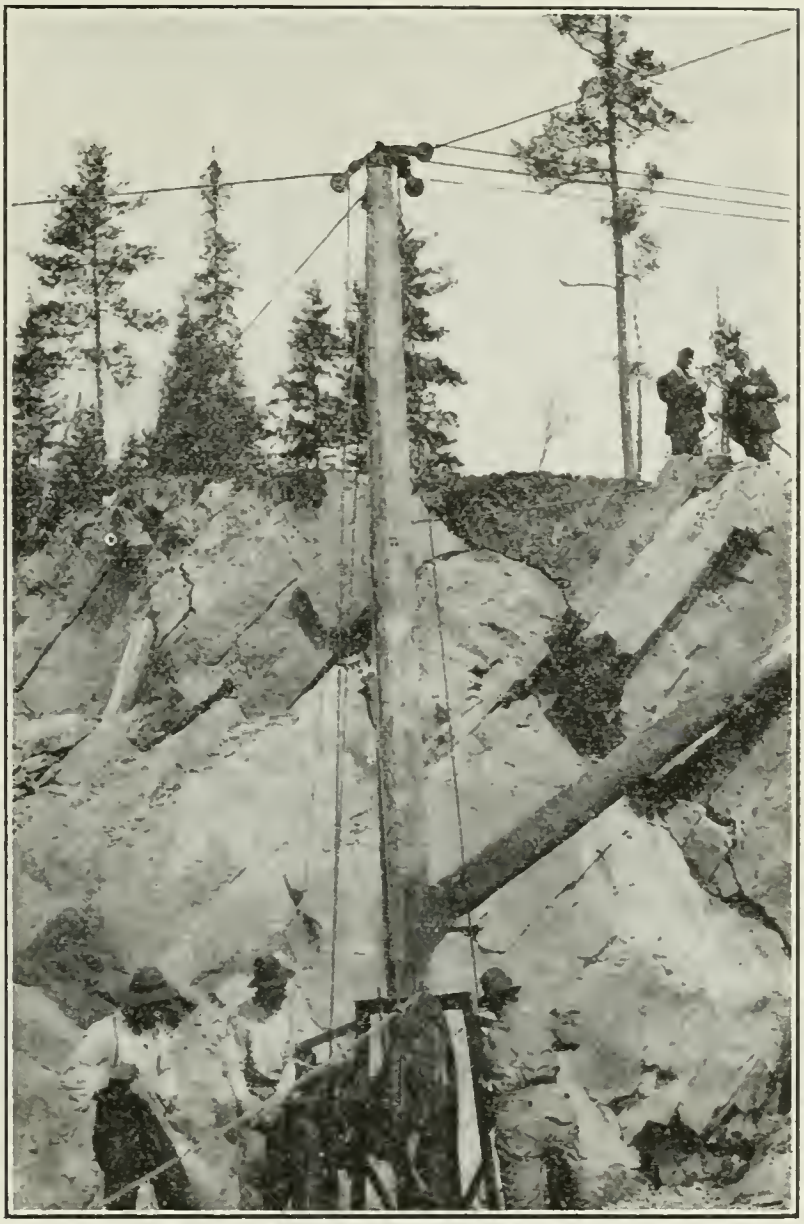
With a raised surface there was also a possibility that the water might be passed westwards to the Coulonge and fed into the Ottawa above the Calumet and other large falls, increasing the flow. This by-pass, however, was found to be impracticable owing to the heavy excavation, although the distance to canal would only be 1,000 feet.

Both the reports are included, together with the estimate, plans, and photographs.

Surveys have been carried forward in the Kipawa watershed to fix the size and elevation of Lakes Ostaboning and Sasaginaga. This party is at present continuing a survey begun some time ago between Timiskaming and Mattawa.

The Madawaska river and lakes have also been under survey and very good progress has been made. This watershed contains 3,200 square miles and there are several large lakes regarding which information is frequently asked.

The various surveys made throughout the watershed cannot be assembled for mapping purposes without latitude and longitude determinations. It is only since the introduction of wireless telegraphy that longitude can be taken accurately and economically where no telegraph lines exist. During 1914, a party equipped with wireless apparatus established points at Quinze, Kinegivis, Grand Lake Victoria, and Kakabonga lakes. Their work was much hampered by low water in the streams and by cloudy weather and bush fires, but the



No. 7.—Quinze Dam: Seams in trap rock with Forest loader derrick, which is easily moved aside for blasting.

No. 8.—Quinze Dam: view of upstream face across river, showing sluiceways and rock slope staunched with fine material. Full reservoir surface will be five feet below the top of dam.

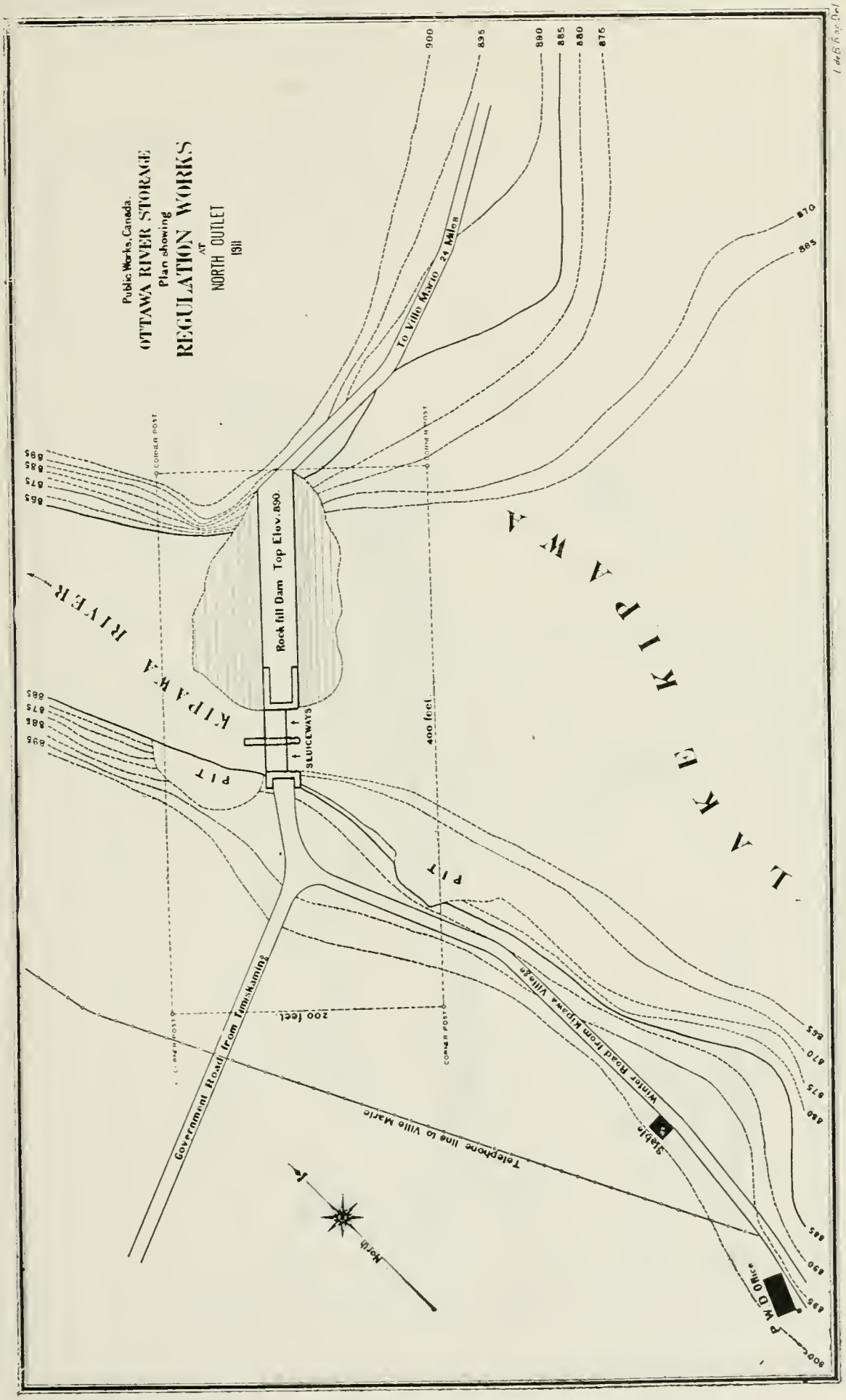
points have been fixed to about a quarter second, or 25 feet on the earth's surface. We are indebted to Dr. King of the Observatory for furnishing Mr. Dier, telegrapher, and Mr. Nechion, observer, and to the Navy Department for the use of a wireless outfit.

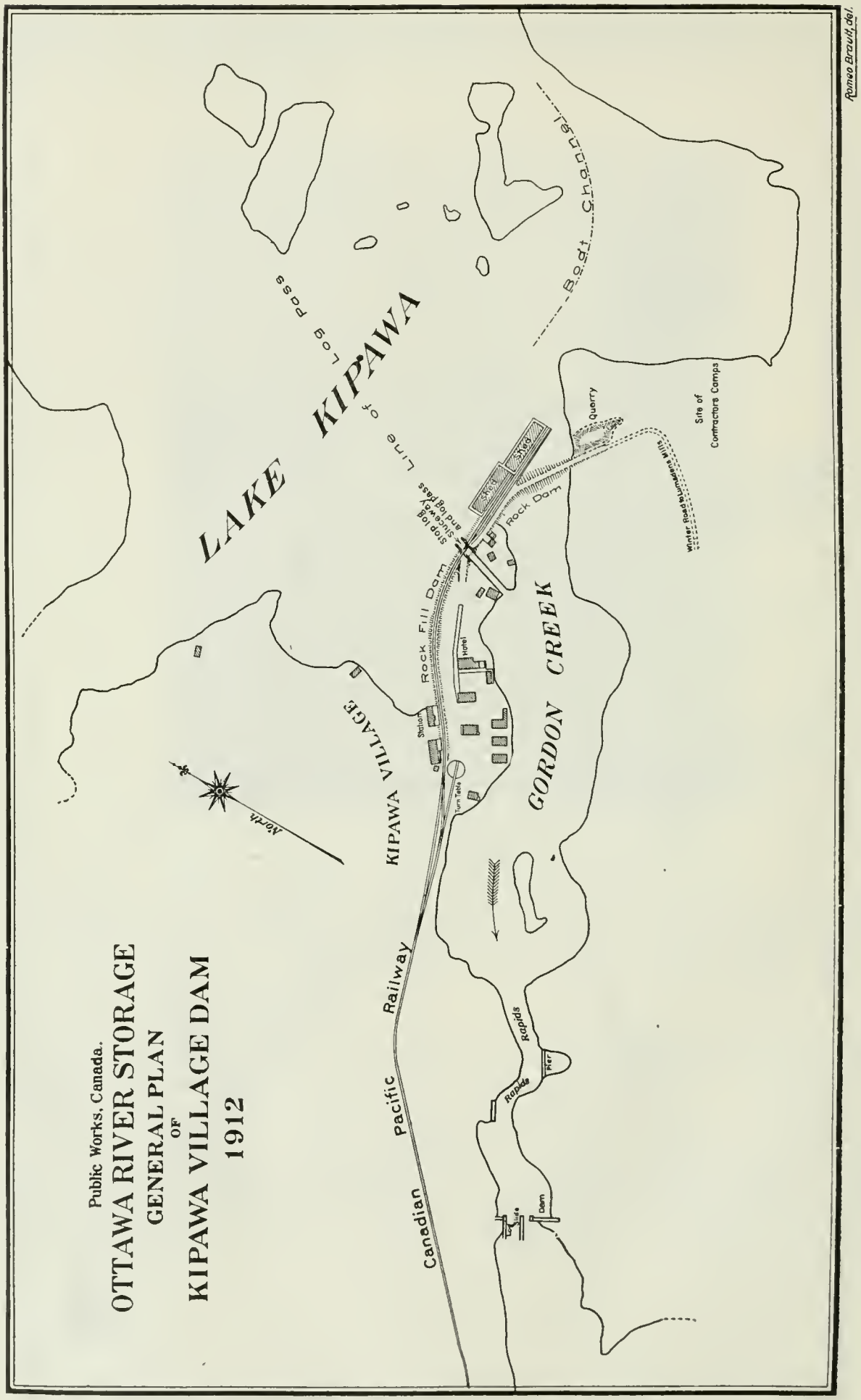
No. 9.—Kipawa Reservoir, log pass in dam across the head of Gordon Creek.

Office work has consisted in reducing notes and plotting discharge curves for metering and in keeping the returns from the fifty-odd gauge stations. Mr. DesRosiers has also attended to a mass of work connected with geodetic levelling and plans required in connection with various dry docks and other works of the department.

The watershed map of the Ottawa river is constantly being corrected, and further information is being added as survey notes come in. The longitude and latitude determinations make it now possible to advance the work on the mile-to-an-inch plans of the river and its tributaries.

In connection with Kakabonga, a detailed report from Mr. Gray is submitted, together with the report of the survey made by Mr. Blue. Plans are also submitted showing the various lakes connected with the scheme and the excavation necessary to pass the stored water via the Coulonge river.


Public Works, Canada.
OTTAWA RIVER STORAGE
Plan showing
REGULATION WORKS
AT
NORTH OUTLET
1911
To Ville Marie 24 Miles
Rock fill Dam Top Elev. 890
SLUICEWAYS
KIPAWA RIVER
KIPAWA
TAKLE
PIT
PIT
400 feet
200 feet
Government Road from Temiskaming
Telephone line to Ville Marie
Winter Road from Kipawa Village
Stable
W. D. Office
North
CORNER POST
900
895
890
885
880
875
870
865


Public Works, Canada.
OTTAWA RIVER STORAGE
GENERAL PLAN
OF
KIPAWA VILLAGE DAM
1912
LAKE KIPAWA
Line of Log Dams
Boat Channel
Stop log and Roadway Bridge
Rock Fill Dam
Rock Dam
Sluiceway
Quarry
Site of Contractors Camps
Winter Roads
KIPAWA VILLAGE
Station
Hotel
Turn Table
GORDON CREEK
North
Pacific Railway
Canadian
Rapids
Rapids
Dam
Romeo Brault, del.

SESSIONAL PAPER No. 19a

26th February, 1913.

C. R. Coutlee, Esq.,
Engineer in charge, Ottawa River Storage,
Public Works Department, Ottawa.

Sir,—In connection with my investigation last September of the proposed dams at the head of Gens-de-Terre river and foot of Barrière lake for the Kakabonga reservoir, I beg to submit the following:—

In order to create artificial storage on Kakabonga lake, it is necessary to include in the storage basin, Bark lake, Rapid lake, Kakabonga and Barrière lakes. For the control of this storage, two dams are necessary, on Kakabonga lake at the head of Gens-de-Terre river, about 500 feet below the present timber dam operated by the lumber firm of Messrs. Gilmour and Hughson; the second dam required will be located about 6½ miles west of Hudson Bay, Barrière lake Post, where the Ottawa river flows out of the lake.

The proposed Kakabonga dam site is situated at the head of the Gens-de-Terre river, about 500 feet below the present lumber dam, built about forty years ago by Gouin. It is about 100 miles north of Maniwaki, the terminus of the Canadian Pacific Railway, Gatineau branch. There is a good winter road from Maniwaki to Bark Lake depot (sixty-five miles), the base camp for the Gilmour and Hughson Lumber Company, and which is situated on the south shore of Kakabonga lake.

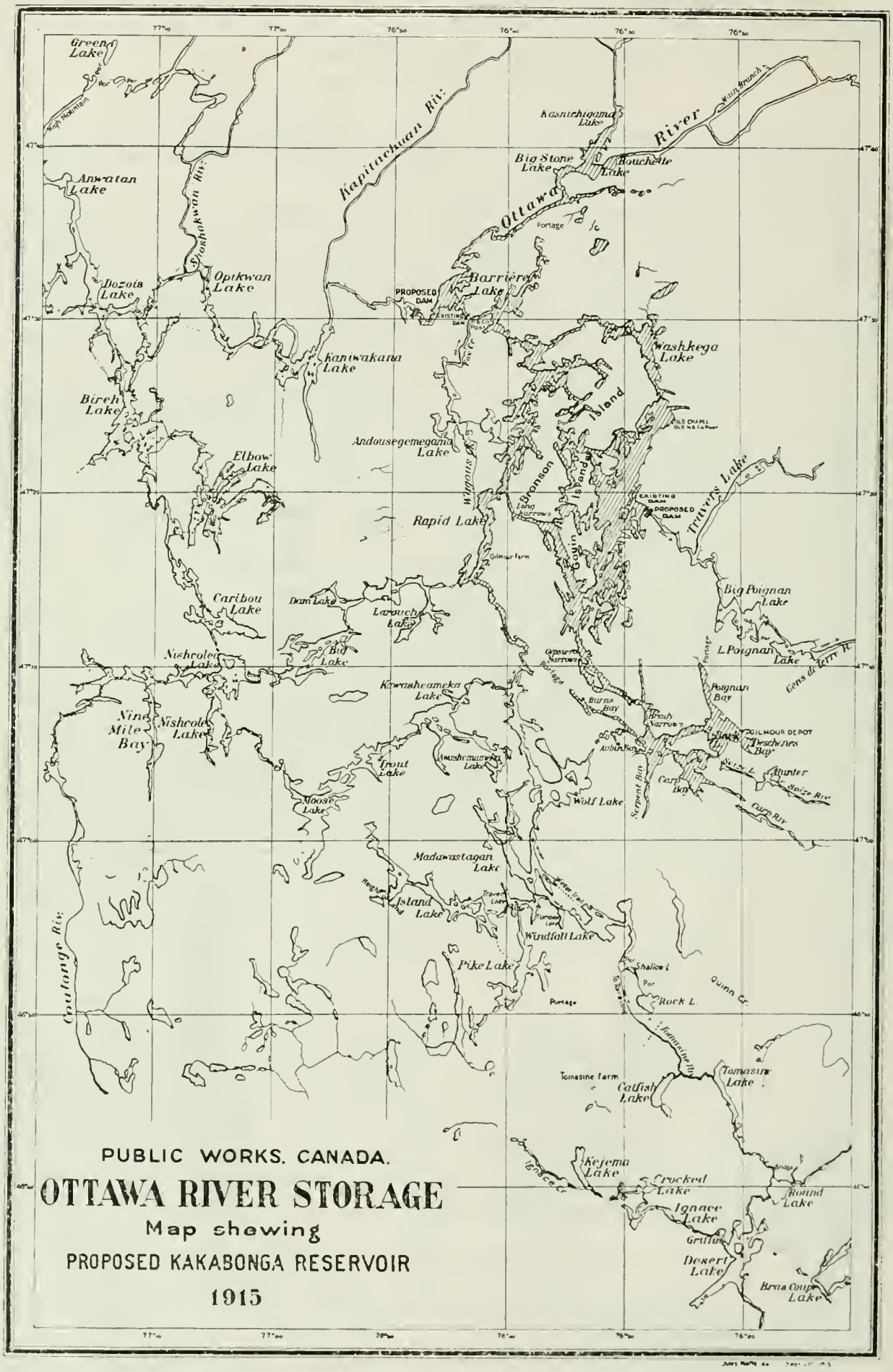
The maximum load by team on the winter road is 2,200 pounds and the time occupied in the return trip is five days.

There is a good summer road from Maniwaki to Carp Lake depot (50 miles), one of the W. C. Edwards Company's stopping camps, and from Carp Lake depot to Bark Lake depot, the road is very difficult, even for pedestrian travel. From Bark Lake depot to the present lumber dam at the head of Gens-de-Terre river (35 miles), the lake is navigable and it is possible to bring material, etc., by the steam *alligator* owned by the Gilmour and Hughson Lumber Company.

The proposed Barrière Lake dam site is situated on the Ottawa river, 115 miles north of Maniwaki, and about 6½ miles east of the Hudson Bay post, Barrière lake, which is also reached from Maniwaki to Bark Lake depot, thence by steam alligator through Rapid lake to a small timber dam built by Gouin about forty years ago, and situated about 1½ mile east of the Barrière lake, Hudson Bay post. At this dam, material, etc., will require to be transported about 300 feet over the dam and brought by boats or scow to the proposed site (5 miles), which is at the foot of the lake and at the head of a 31.7-foot fall in the Ottawa river.

The two timber dams, at present existing, were originally built about forty years ago by Gouin; they create an artificial storage of about 4 feet on these lakes, and are used and maintained by the Gilmour and Hughson Lumber Company, the dam at the head of the Gens-de-Terre river being used for passing logs down the Gens-de-Terre river to the Gatineau river to Hull. The dam on Barrière lake is situated about 1½ mile west of Barrière lake, Hudson Bay post, it divides Barrière lake in two, the water of the west portion of the lake follows its natural course down the Ottawa river, and the waters of the eastern portion are diverted and passed through the Gatineau by the Gens-de-Terre dam.

The drainage area of the proposed basin is 2,500 square miles, the Ottawa river above Barrière lake contributing 1,345 square miles and the Kakabonga and other lakes 1,155 miles. The total area of the reservoir is 100 square miles, made up as follows:—


Green Lake
Anwatan Lake
Dozois Lake
Opikwan Lake
Kapitachuan Riv.
Kasnichigama Lake
Ottawa River
Big Stone Lake
Bouchette Lake
Barrière Lake
PROPOSED DAM
EXISTING DAM
Kanwakama Lake
Washkega Lake
Birch Lake
Elbow Lake
Andousegemegama Lake
Wiggins Island
Bronson Island
Travers Lake
Rapid Lake
Caribou Lake
Dram Lake
Larouche Lake
Big Poignan Lake
L. Poignan
Nishcoles Lake
Kawasheameka Lake
Poignan Bay
Nine Mile Bay
Trout Lake
Mouse Lake
Wolf Lake
Madawastagan Lake
Island Lake
Windfall Lake
Pike Lake
Rock L.
Quinn Cr.
Tomasine Farm
Catfish Lake
Tamasine Lake
Kejemu Lake
Crooked Lake
Round Lake
Ignace Lake
Grillon
Desert Lake
Brûlé Cup Lake
PUBLIC WORKS. CANADA.
OTTAWA RIVER STORAGE
Map shewing
PROPOSED KAKABONGA RESERVOIR
1915

	Square miles.
Bark lake to Burns narrows	14·4
Kakabonga lake	46·8
Part of Barrière lakes east of present dam, including Rapid lake	29·4
Barrière lake, Bouchette lake, and 40 miles of Ottawa river above Barrière lake	10·0
Total	100·6

The type of dams proposed is the same as those already built at Kipawa and under construction at Quinze, viz., rock-fill with 20-foot sluices and wooden stoplogs. On account of the high cost of transportation of cement and the limited life of wood for the sluice-ways, it is proposed to use steel bents instead of concrete for the abutments and piers. The steel work, will be connected to the rock-fill embankment with timber cribs. At both locations a good rock foundation has been found for the sluice-ways, and all the work in connection with preparing the foundations and building the piers can be done in the dry, thus getting away from costly unwatering work.

From previous investigations by Goodspeed (1906 G.B.S.C. 1906) and Dansereau (Report 1910), it has been fairly well established that by the construction of two dams, a storage of 15 feet can be maintained on the present Kakabonga basin and, for this purpose, a careful survey has been made and plans prepared for two dams at the locations above described.

At the head of the Gens-de-Terre river, the proposed dam will be 25 feet above the sill, and 1,000 feet long. The type of dam proposed is similar to the Kipawa and Quinze dam, viz., rock-fill with steel piers and wooden stoplogs. The proposed dam at Barrière lake will be 25 feet high above the sill, and 2,000 feet long.

FOUNDATIONS OF SLUICE-WAYS.

The sites of the sluice-ways have been located on rock. The Gens-de-Terre site appears from the examination made to be solid, but at the Barrière site the rock at the surface appears shattered and full of seams. Some work was done to trace the depth of these seams, and they only appear to extend down a few feet, but in view of the foundation trouble which developed at the Quinze site, I would recommend that further investigation be made of both sites.

MATERIALS FOR CONSTRUCTION.

At Gens-de-Terre site the nearest available sand, suitable for concrete, is at the mouth of the Kakabonga river, about 8 miles north of the dam site.

For the rock embankments, good suitable quarries can be opened up at the dam site. At Gens-de-Terre there is about 2 feet cover on the solid rock, and at Barrière there is a cover of about 6 feet of fine sand over the solid rock.

Timber for stoplogs and cribwork can be obtained from the limits bordering the reservoir. It will, however, be necessary to go a considerable distance back from the lake to obtain the large dimension timber for the stoplogs.

COST OF RESERVOIR.

Detailed estimate of both dams is attached, but no estimate is made of the land damages until the survey now being made of the flooded land is received.

Gens-de-Terre dam	$ 70,000 00
Barrière lake dam	102,000 00
Total	$172,000 00

TIME FOR COMPLETION.

Both dams can be completed in eighteen months. The contract for steel work will require to be let about July 1, in order that it may be ready for shipment by January 1. The contract for the other work will require to be let by December 1 so that supplies, etc., may be transported to the dam sites during winter months.

Yours obediently,

A. GRAY,

Asst. Engineer in charge.

KAKABONGA RESERVOIR.

ESTIMATE OF COST.

Ottawa, February 26, 1913.

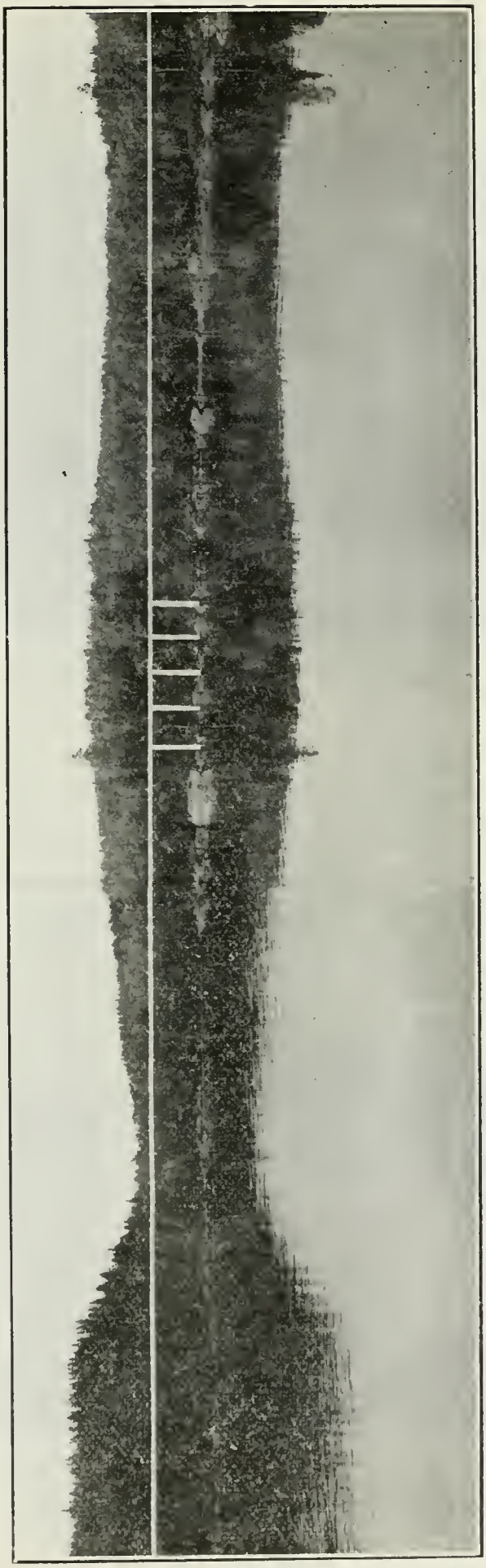
				$ cts.
Clearing, 2 acres at $50				100 00
Grubbing, 1 acre at $100				100 00
Excavation, earth,	1,000	c. yds. at	75 cents per c. yd	750 00
" rock,	12,000	"	$2.50 per c. yd	30,000 00
Cribwork	1,300	"	3.00 "	3,900 00
Concrete, say	100	"	$15.00 "	1,500 00
Stoplogs, 45 m at $80				3,600 00
Stoplog ends, 13,000 lb. at 10 cents per lb.				1,300 00
Steel bents, 200,000 lb. at 7 cents per lb.				14,000 00
Glance boom and anchor cribs				2,000 00
Stoplog lifting machine				4,000 00
House for dam tender				2,000 00
Engineering, etc				6,750 00
				70,000 00

Ottawa, February 26, 1913.

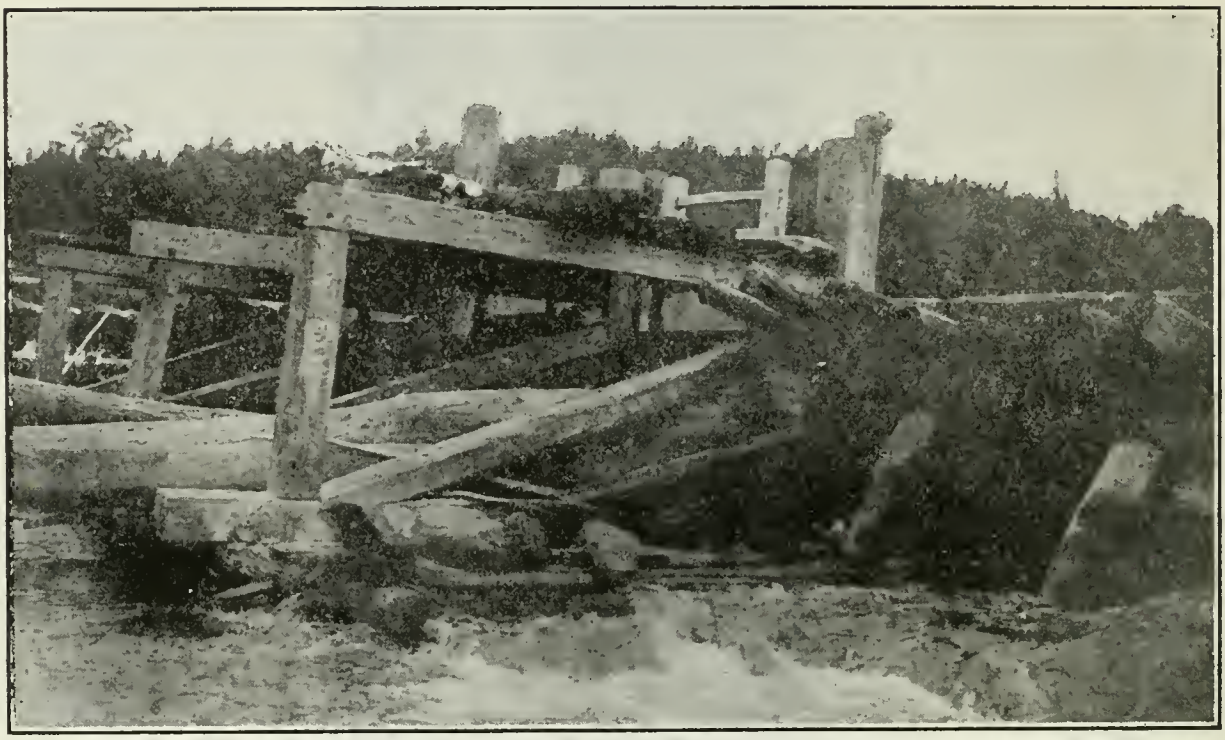
BARRIERE LAKE RESERVOIR.

ESTIMATE OF COST.

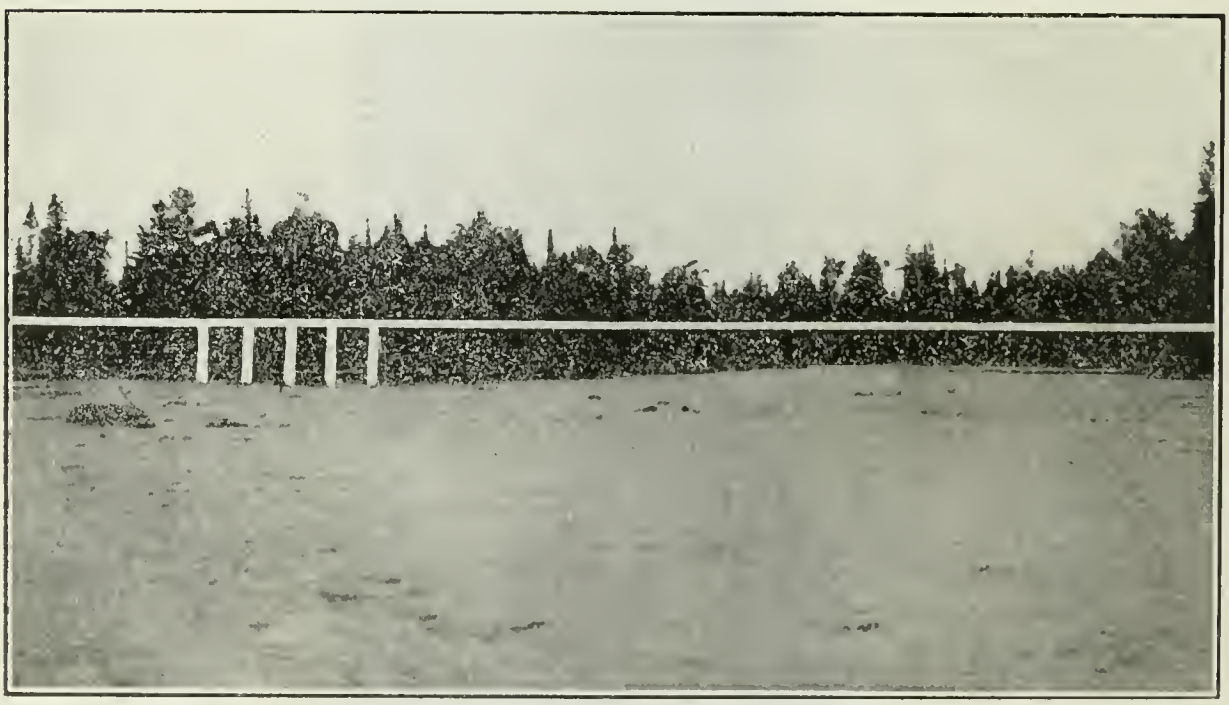
				$ cts.
Clearing, 5 acres at $50.00 per acre				250 00
Grubbing	2½	acres at	$100 per acre	250 00
Excavation, earth,	2,000	c. yds. at	75 cents pere. yd	1,500 00
" rock,	22,000	"	$2.50 "	55,000 00
Cribwork	1,450	"	$3.00 "	4,350 00
Concrete	100	"	$15.00 "	1,500 00
Stoplogs, 45 M at $80.00				3,600 00
Stoplog ends, 13,000 lb. at 12 cents per lb.				1,560 00
Steel bents, 200,000 lb. at 9 cents per lb.				18,000 00
Stoplog lifter				4,000 00
House for dam tender				2,000 00
Engineering, etc.				9,990 00
				102,000 00



No. 10.—Kakabonga Reservoir—Barrière Lake Dam Site.



No. 11.—Kakabonga Reservoir, Gens-de-Terre River Log Pass.



No. 12.—Kakabonga Reservoir, Gens-de-Terre River Dam Site.

SESSIONAL PAPER No. 19a

DEPARTMENT OF PUBLIC WORKS, CANADA.

Ottawa River Storage,

Ottawa, Ont., April 14, 1913

C. R. Coutlee, Esq.,
Engineer in charge,
Ottawa River Storage, Ottawa.

CONTOUR SURVEY KAKABONGA LAKE.

Sir,—In connection with the contour survey of the Kakabonga reservoir, I beg to submit the following report:—

The object of the trip was to ascertain the amount of land that would be flooded by raising the water level of the lakes to the proposed full regulated level of 1,198, with special reference to those places mentioned on page 180 of the Ottawa River Storage Report, of 1911. The land required would be to elevation 1,203, thus giving a 5-foot reserve.

The present water level varies from 1,182 to 1,187.

The height of land between the reservoir and Dam lake, the head water of the Coulonge river, was also investigated with a view to create an artificial outlet of stored water by way of the Coulonge river.

The party, consisting of fourteen, left Ottawa on January 19, for Maniwaki. Here provisions and teams were obtained and on January 22, a start was made. Bark Lake depot was reached on January 24, after a 65-mile drive over good winter roads.

Another day and a half's driving down the lake brought the party to a shanty, near Long Narrows. The party was split up here, one-half going to the Kakabonga river, while I took the other half and went to the height of land between Rapid lake and the Coulonge river.

Camp was made on Mountain creek which flows into Rapid lake. This creek varies from 80 to 20 feet in width, and in the spring would probably be 5 or 6 feet deep.

Some 4,000 feet up the creek is a small lake, 1,000 feet wide. Its elevation on January 30 was 1,213.91, and its depth in the centre, some 27 feet.

Between this lake and Larouche lake is a black spruce muskeg at elevation 1,217, and 2,300 feet wide. The elevation of Larouche lake on February 4 was 1,213.54.

This lake is about 5 miles long, and in it are two narrows: one is three-quarter mile long, 15 feet wide, and the other is 600 feet long and 60 wide. Both are very shallow.

The outlet of Larouche lake is near its west end, and flows north, emptying eventually into the Ottawa River, near Birch lake.

The divide between Larouche and Dam lake, the headwater of the Coulonge river, is about 1,100 feet across. At 400 feet from Larouche, the elevation of the ground is 1,218, and at 1,000 feet it is 1,240. From here the ground falls steeply to Dam lake, whose elevation on February 4 was 1,189.04.

Under present conditions, Kakabonga reservoir is some 3 feet lower than Dam lake.

At the proposed full reservoir level it would be 10 feet higher than Dam lake, thus only giving a 10-foot head on any canal that would be built to throw the water down the Coulonge.

To do this would entail a great expense, and the benefits derived would not warrant this.

Returning by way of Long Narrows, the party travelled south around the end of Gouin's island, then north to the Kakabonga dam with the intention of working along the east shore to join on with the other party.

From Kakabonga dam to the Kakabonga river, the shore is high, with a high range of hills in the back ground. Very little valuable timber will be destroyed. A few spruce will be flooded, and many birch, balsam, and poplar.

It was necessary to go up the Kakabonga river about 6 or 7 miles in order to obtain elevation 1,203.

At its mouth is a large flat of jack pine and spruce, which will be flooded. There is hardly any rise in the river for 4 miles, but when the rapids are struck they are practically continuous. The shores are steep. Four miles from the mouth, the right and left branches of the river join the main stream. They are both very rapid, so the required rise was soon attained.

In this section, from the Kakabonga dam to Rock lake, including the Kakabonga river, the amount of land that will be flooded to elevation 1,198 is 2,438.5 acres, or 3.8 square miles. The area between elevation 1,198 and elevation 1,203 is 450.75 acres, giving a total of land required on this section equal to 2,289.25 acres, or 4.5 square miles.

While at the Kakabonga dam it was found that to bring the grade of the fill of the proposed dam up to 1,203, it would increase its length by 100 feet. The Gens-de-Terre river was open below the rapids.

The two parties met on February 19. The next day camp was moved to Hebert's shanty on Bronson island. From here a team was taken to Lacroix's camp on Long Narrows and thence up the lake to Brady's Narrows, where camp was made on February 22.

From Brady's Narrows, the party worked south, taking in part of Burns bay, Serpent bay, and Carp bay.

In the end of Burns bay there is no danger of the water escaping to the west, although it may flood eastward over to Crooked Narrows on Kakabonga lake, thus making an island. Several small lakes were investigated on the south shore of Burns bay, and the required elevation was obtained.

There are quite a few good white pine in the bay, the average diameter being from 8 to 16 inches. One clump of fifty-one white pine, 24 to 26 inches diameter was found on a line 500 feet long. The red pine averages from 7 to 18 inches, and are not so numerous as the white. A few spruce will be flooded. The remainder of the trees are birch, balsam, and cedar, with a few tamarack.

In Serpent bay are a good number of white and red pine, averaging about 12 inches diameter. In the bottom of the bay, the timber is all burnt, except a swamp in a creek gully, which is covered with black spruce, 2 to 12 inches in diameter.

The shores of Carp bay are high, only one large flat being found on the south shore of the bay. On the west shore, very few pine are found, but on the east and north shores are quite a few good red and white pine.

Owing to signs of an early break up it was decided to investigate the height of land between Bark lake and Seize lake, the headwater of Seize creek, which flows south to the Gens-de-Terre river.

A check line of levels was run over the lowest part of the height of land, which showed the elevation of Seize lake on March 19, to be 1,193.10. The highest point on the gully was 1,201.

A fill to bring this up to 1,203 would be 115 feet long and with a width of 10 feet at the top and side slopes 1 to 1 would contain some 130 cubic yards.

The survey of Carp bay was completed on March 19. The party moved to Poigan bay on March 20, over very bad ice. That night, a heavy rainstorm rotted the ice considerably, so it was decided to move to the depot and discontinue work.

Bark lake depot was reached about 9 a.m. on the 21st. In the p.m. a survey was made of the depot buildings, and the divide in the end of Deschenes bay was investigated. The lowest elevation found on the ridge between this lake and Hunter lake was 1,206.

Permanent hubs were left at the ends of the survey, so that future work may be tied on that already done.

The area flooded from Brady's Narrows, south, including most of Burns bay, Serpent bay, and Carp bay is as follows: Area to 1,198 is 1,083.5 acres, and between 1,198 and 1,203 is 463.2 acres, making a total of land required of 1,546.76 acres, or 2.4 square miles.

The party reached Ottawa on March 24, being sixty-three days away. Of this time, twenty-three days were spent in travelling (getting to and from the lake and moving camp), two days were lost by rain, and there were seven Sundays leaving thirty-one days' work on the survey line. During this time, 81.9 miles of traverse were run, and 17.6 miles of line cut in the bush to the contours. This makes an average of 2.6 miles per day for traverse and 2,950 feet of line cut per day.

The toal area of land required in the places surveyed amounts to 6.9 square miles. The area of the lake would be increased by 5.5 square miles.

The total length of shore line around the reservoir, including the Ottawa river, past Bouchette lake, is approximately 475 miles. The length of the shore line of Bronson island and Gouin's island, which divides Kakabonga lake, is 160 miles. These islands have to be contoured, owing to the timber on them. This makes a total of 665 miles, of which 80 miles have been done in the past season, leaving 585 miles to do.

During summer months, probably 50 miles a month would be a good average. The main shores could probably be finished in eight months.

The cost of the survey is divided up as follows:—

Transport	$ 370 00
Provisions	707 00
Equipment at 200, say 10%	20 00
Wages	2,120 00
Total	$3,217 00

Cost per mile $\frac{3,217}{80} = \$40\ 05$.

I have the honour to be, Sir,

Your obedient servant,

W. E. Blue,
Assistant Engineer.

LONGITUDE AND LATITUDE DETERMINATIONS.

In connection with the longitude and latitude determinations, a detail report from Mr. T. C. Dennis of the Astronomical Observatory staff, follows. This includes all the work done during 1914 and 1915, so that a complete description of all the points determined in the field is now on record.

Ottawa, December 1, 1915.

C. R. Coutlee, Esq.,
Engineer in charge.
Ottawa River Storage, Ottawa.

Sir,—During the summers of 1914 and 1915, several stations were observed in the watershed for latitude and longitude. Dr. King, C.M.G., Dominion Chief Astronomer, kindly lent observers. It was decided to use the novel method of wireless telegraphy for the comparison of time signals with the Dominion Observatory, and a portable wireless receiving instrument was secured for this purpose.

The party consisted of seven, an observer and six men for the canoe transport. During the ten months the party was in the field, about one thousand miles were covered with the canoes, and thirteen stations were observed. Many portages had to be made through unsettled country, so that it was necessary to reduce weight as much as possible.

The astronomical transit used was smaller than desirable, and it was found impracticable to carry the cement generally used for its foundation, so that the standard of accuracy was slightly below that obtained with the larger instrument with the concrete base. The time comparison was made with the observatory by means of the time signal sent out from Washington at ten o'clock, p.m. The observers at the observatory and in the field each comparing his clock with Washington, by means of the coincidence method.

Aerials consisting of two wires 300 to 600 feet long were erected at the different stations, using the highest trees in the vicinity for masts.

At stations where cement was not available, piers for the instrument were on several occasions constructed by using three logs about 7 feet long which were placed on end in the ground leaving about $2\frac{1}{2}$ feet above. These logs were firmly nailed together at the top and in some cases a cribwork, was erected around them to protect the pier. At three of the stations a large stump was used as a pier, and these were found to be nearly as solid as the cement. The pier at one of the stations was built of large flat stones, which gave very satisfactory results.

Although the instruments carried were of a delicate nature and required careful handling, they made the whole distance without accident of any kind. The wireless outfit proved very satisfactory, and at every point where it was erected signals were received on the first night. The party was always in touch with the large wireless stations on the Atlantic coast.

The determination of the positions of those stations has a probable error of ·035 S. or about 35 feet in longitude and ·10″ or about 10 feet in latitude.

The following are descriptions of the stations observed:—

Quinze Dam.—Observing pier 1,160·9 feet N. 47° 22′ W. from Challoner's Canadian B.M. No. MDCX (elevation 842·90 feet).

Kinojevis River.—Observing pier 577·9 feet S. 54° 46′ W. from B.M. No. 3 (elevation 879·44 feet), established by G. B. Hull of Department of Public Works.

Barrière.—The pier is situated on the north side of the arm of Rapid lake, about 600 feet from its shore. It is 1,690·8 feet from a copper plug cemented into the rock, close to the Hudson's Bay flag pole. This plug is 68·5 feet from the southwest corner of Hudson's Bay Company's store, and 157·5 feet from northwest corner of residence of manager of Hudson's Bay stores.

Grand Lake Victoria.—The pier is situated on the south side of the Ottawa river, distant therefrom about 1000 feet. It is also 2078·4 feet with bearing N. 79° 20′ 48″ E. from a copper plug cemented into the rock and surmounted

by a cairn of stones. This copper plug is near the residence of the manager of the Hudson's Bay Company stores.

Hunter's Point, Kipawa district, Quebec.—The station is a screw head in the top of a concrete pier built on a flat-topped boulder at Hunter's point. The station is 30 feet from the north shore of the North river, and about 1,300 feet west of Mr. Pierre's house on the opposite side of the river. Station 64 of the Public works Department survey is N. 62° 25 E. of the astronomical station, and distant 1,474·2 feet. A line has been cut to a copper bolt placed in the solid rock, 433·2 feet due north of the astronomical station. The bolt is at the south side of a stone cairn. The line from stations 64 and 63 of the Public Works Department survey has a bearing of N. 63-35-30 E. with this north-and-south line.

Stubbs Bay, Des Moines Lake, Quebec.—The astronomical station is a screw head in the top of a concrete pier situated on a narrow hog's back, about 50 feet wide, extending south-easterly into Lake Du Moine at Stubbs bay. A copper bolt has been placed in a boulder, 2124·6 feet due south of the station. The station is 1454·5 feet from the southeast corner of the store at Eddy's depot on a bearing S. 6° 34′ 30″ W.

Ward Lake Station, Coulonge River, Quebec.—The astronomical station is a copper bolt in a large flat rock surface, on the east side of Wards lake. It has been tied to the lake, which is about one mile long and quarter of a mile wide by a triangulation survey. The station is 15 feet from the shore of the lake, and about 100 feet south of a tall pine tree from which the limbs have been cut. There is a cairn of large flat stones 2 feet north of the bolt. A squared cedar post with a nail on top has been placed 2,360·9 feet due south of the station on the opposite side of the lake. The station is 4,580·2 feet from the north side of the entrance of Victoria creek on a bearing S. 60°09′ E.

Crow-Coulonge Station, Coulonge River, Quebec.—The station is a copper bolt in the top of a large pine stump (21 inches in diameter) 100 feet from the south shore of the Coulonge river about 200 feet up stream from the mouth of the Crow river on the opposite side of the Coulonge. The stump is well blazed on the north and south side. It is distant 470·9 feet from a copper bolt placed in the solid rock on the north side of the Coulonge and east side of the Crow rivers at their intersection. A squared post has been placed 356·5 feet due south of the station, and the line cut out.

Gens de Terre Station, Gatineau River, Quebec.—The astronomical station is a copper bolt in the top of a concrete pier on the north side of the Gens-de-Terre river, 25 feet from the shore and 700 feet from the Gatineau river. A squared cedar post with nail on top is placed 415·1 feet due south of the station on the opposite side of the Gens-de-Terre river. A line has been cut from the astronomical station to the Gatineau river near the forks.

Lièvre forks station, Lièvre River Forks, Quebec.—The station is a screw head in the top of a blazed birch stump 15 feet east of the west branch of the Lièvre river, and 380 feet above the forks of the east and west branches. A squared post with nail on top has been placed 653·8 feet true south of the station on the east side of the east branch of the river. A copper bolt is placed in the solid rock on the west side of the east branch 730·2 feet from the station on a bearing N. 33° 30 W.

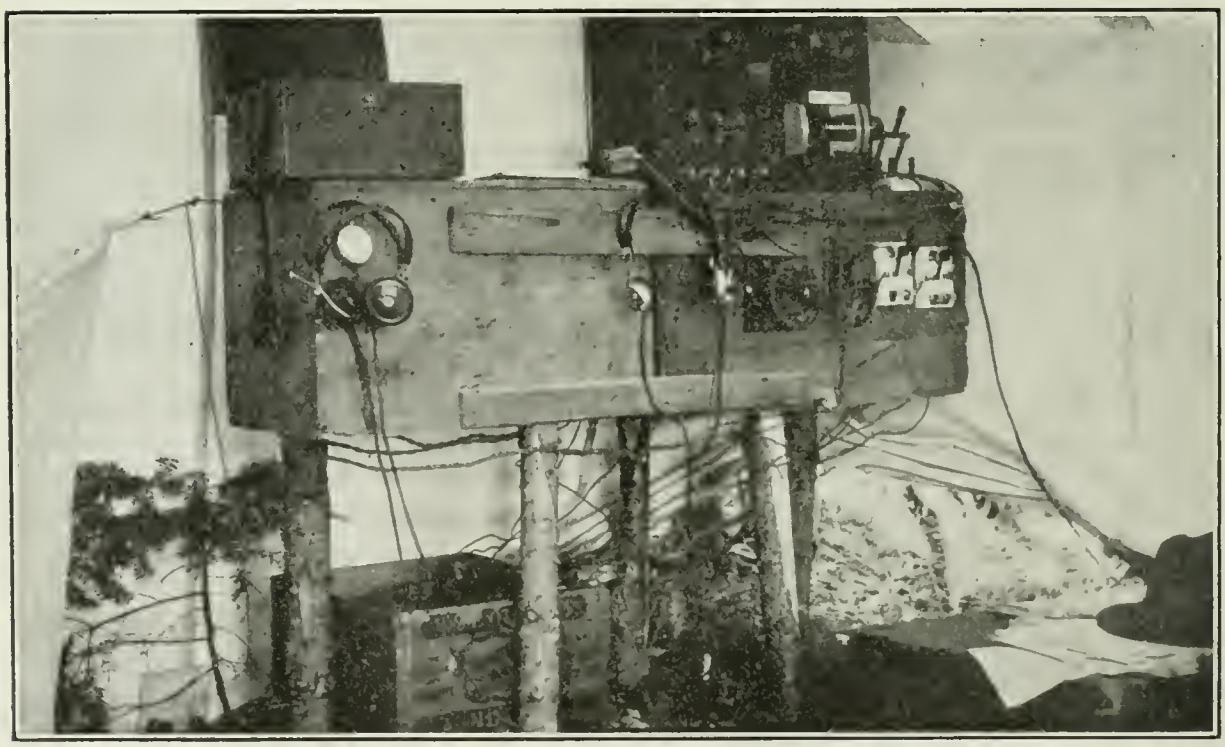
Gatineau forks station, Gatineau River, Quebec.—The station is a screw head in the top of a large forked pine stump, between the east and west forks of the Gatineau river. About 300 feet from the forks on the hog's back, between the two branches. A copper bolt is placed 292·3 feet from the station on top of a large rock face at the point between the forks, and about 20 feet above the water. A squared spruce post is placed due south of the station 818·6 feet

on the east side of the east fork, about 30 feet from the shore and about 20 feet above the water. The lines are cut from the station to the copper bolt and the south mark.

Chaudière Dam Station, French River, Ontario.—The station is a screw head in the top of a concrete pier on the height of land west of the government offices. A copper bolt is placed in the solid rock due south of the station. The station and bolt have been connected by survey to the Georgian Bay Canal survey.

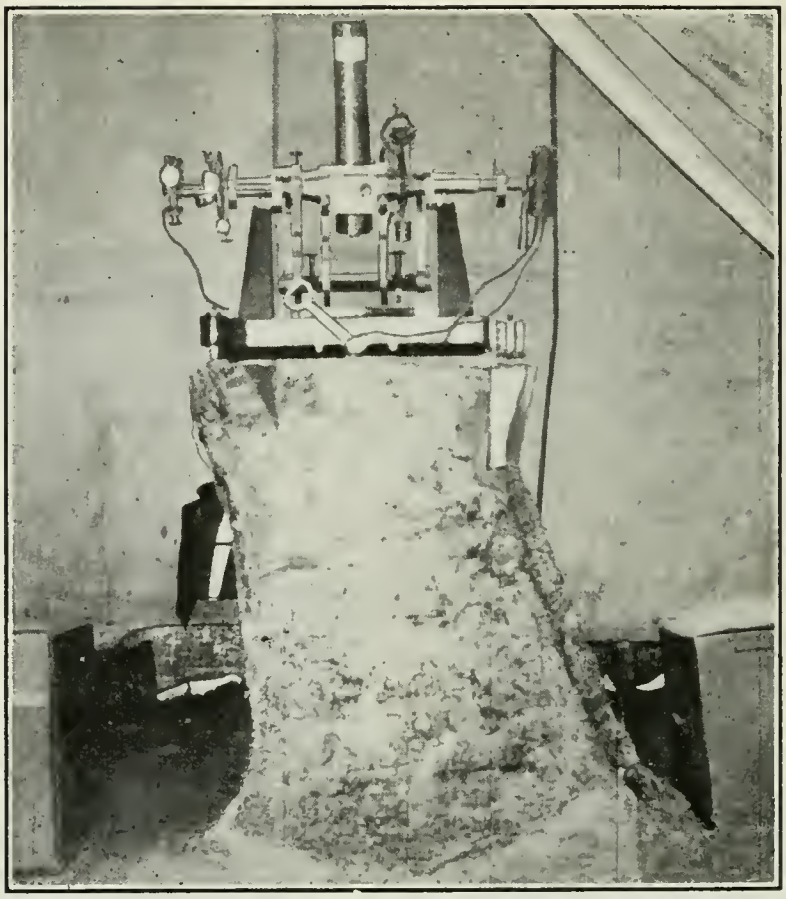
French River Village Station, Ontario.—The station is a screw head in the top of a concrete pier placed on the top of a low rock hill about 100 feet north of Mrs. Tessier's house at French River village. It is also about 100 feet from the shore of a small bay on the south side of the French river. A copper bolt is placed due north of the station. The bolt and the station have been connected by survey with the Georgian Bay Canal survey.

T. C. DENNIS.

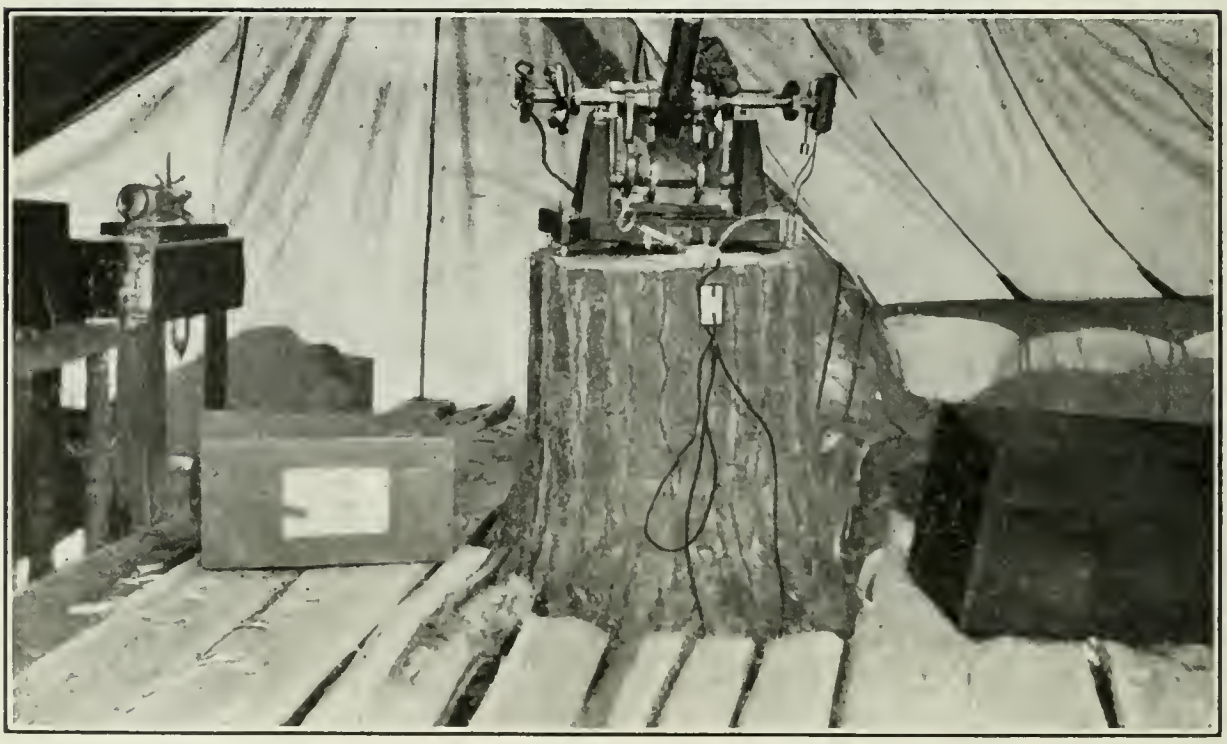


No. 13.—Portable Wireless receiving instrument and comparison clock, which is electrically connected with head phones and siderial observing clock in another tent that protects the astronomical transit. The time signal from Washington is heard in the phone connected with the comparison clock, which registers on a chronograph ribbon.

No. 14.—Aerial masts at Ward Lake, Coulonge river. Two wires are stretched between trees to receive the pulsations sent from the powerful sending station.



No. 15.—Astronomical Transit set on large stump near forks of Lièvre river.



No. 16.—Astronomical transit with siderial observing clock upon bench to left.

SESSIONAL PAPER No. 19a

The following list of distances and elevations along the Ottawa river has been corrected to date. The mileage is from the mouth of the Ottawa river at the foot of Montreal island, and the elevations correspond with the Canadian bench-marks established by the Public Works Department.

OTTAWA RIVER—LOCALITIES, DISTANCES, AND ELEVATIONS.

Miles from Mouth	——	Low Water.	High Water.
	Back River north of Island of Montreal.		
0·0	Bout de l'Ile	16·0	
	Canadian Northern bridge		
2·5	Mille Iles enters north side		
5·1	Rivière des Prairies rapid, foot	16·0	
6·0	" " head	25·0	29·0
10·9	St. Vincent de Paul village, north side	26·8	31·6
12·4	Sault au Recollet rapids, foot	27·0	
13·9	Sault au Recollet village, south side	41·0	
14·9	Pont Viau highway bridge	42·2	47·1
16·1	C. P. Ry. bridge, head of rapid, water surface	53·0	
17·9	Cartierville highway bridge	54·0	60·3
20·9	White Horse rapids, foot	56·0	
23·9	" " head	63·0	
	Canadian Northern Ry. bridge		
24·9	Dutchman rapids, foot	67·1	
25·9	" " head, Lake of Two Mountains	68·3	81·1
	Ottawa River.		
	Foot Ste. Anne rapid, extreme low water, 5th Nov., 1895; highest water, 16th May, 1876	66·0	76·6
	Ste. Anne new lock, coping 81·45; lower sill 57·7; upper sill 59·6; head of Ste. Anne rapid, extreme low water, 2nd Oct., 1871; highest water on record, 15–20 May, 1876	68·3	81·1
37·6	Oka village, north side		
38·8	Como village, south side		
39·8	Hudson village, south side		
40·3	Hudson Heights, south side		
45·1	St. Placide, north side		
48·1	Carilloa Island		
49·1	Rigaud river enters, south side		
51·1	North river enters, north side		
54·6	Carillon village, north side		
54·7	Point Fortune, south side		
54·9	Carillon canal, lower lock coping 86 25; lower sill 58 70; water at foot	68·3	83·3
55·7	Carillon dam		
55·7	Carillon canal, upper lock coping 101·20; upper sill 74·0; water at head	78·2	97·7
58·1	Cushing village		
59·6	Chute à Blondeau village		
61·4	Greece Point village		
61·6	Grenville canal, lock No. 5, coping 101·84, lower sill 72·2; extreme high water, 8th May, 1899, extreme low water, 27th Sept., 1881	81·0	99·9
	Grenville canal lock No. 4, coping 116·35; lock No. 3, coping 124·31; lock No. 2, coping, 131·71		
62·1	Grenville rapids, foot, low water elevation 81·3		
63·0	Stonefield village, approximately	89·0	
63·6	In rapids	99·0	
64·6	"	100·0	
65·1	"	105·0	
66·1	Canadian Northern Ry. bridge, water approximately; base of rail 174·5	111·2	
67·1	Grenville canal Lock No. 1, coping 145·59; upper sill 117·66; extreme high water 16th May, 1876; extreme low water, 27th Sept., 1881 and 30th Sept., 1887	126·2	145·2
69·1	Calumet village, north side		
71·6	L'Orignal village, south side; Rouge river enters north side		
74·1	Pte. au Chêne, north side		
84·0	Montebello village, north side; Salmon river enters north side		
88·5	Papineauville village, north side		
93·3	Plaisance village, north side; north Nation river enters north side, and South Nation river south side		
100·0	Thurso village, north side, Blanche river enters; Clarence islands		
103·6	Rockland village, south side; Lochaber station, north side		
109·6	Cumberland village, south side		
110·4	Masson village, Lièvre river enters north side		
113·3	Angers station, north side; Petrie island, south side		
116·1	Petite Blanche river enters north side		
119·9	East Templeton village, north side		
124·2	Gatineau Point and Gatineau river enters north side		
125·1	Ottawa city, Rideau river enters south side		
126·0	Hull city, north side		
	Interprovincial railway and highway bridge, floor 192·3. Entrance Rideau Canal, lock coping, 154·11; lower sill, 122·37; extreme high water, 16th May, 1876; extreme low water, 28th Sept., 1881	127·0	152·0
127·3	Chaudière Falls dam, regulated water above, 175·0; low water foot Victoria island, 135·0; low water beneath Ottawa-Hull Union bridge, floor 164·83		

OTTAWA RIVER—LOCALITIES, DISTANCES AND ELEVATIONS.—Con.

Miles. from mouth.	——	High Water.	Low Water.
	Ottawa River —Continued.		
127·7	Canadian Pacific Railway bridge, base of rail 190·78, regulated water 175·0		
128·3	Remicks rapids, foot	176·4	180·1
128·8	" head	179·7	187·7
131·3	Deschênes village, north side		
	Deschênes rapids, foot	180·0	185·0
	" " head, high water 1876, low water 1911	189·8	198·9
132·3	Britannia village		
135·8	Aylmer village		
143·0	Breckenridge station and bay, north side		
147·0	Constant Bay, south side		
149·8	Eardley station, north side; Sand Point and Bucham bay, south side		
152·0	Crown Point.		
154·8	Narrows		
156·1	Quyon village and Quio river enters north side		
158·3	Hudson Point, north side; Carp river enters south side		
158·8	Chats Falls, foot; Fitzroy Harbour village; high water 1876, low water 1905	189·8	199·6
	Chats Falls and Rapids, head; Chats lake, high water 1876, low water 1905	238·3	251·2
	Canadian Northern Ry. bridge, base rail 254·00		
162·0	Mississippi river enters south side		
164·0	Arnprior town, Madawaska river enters south side		
166·6	Breaside village, south side		
169·8	Sand Point village, south side: Norway Bay, north side		
171·3	Bristol village, north side		
174·0	Casselford village, south side		
175·8	Bonnechere river enters south side		
178·8	Chennaux rapid foot, low water 1905, high water 1876	239·7	251·6
	Chennaux Rapid head, low water 1905	239·8	
182·5	Limerick Island foot, low water 1905	240·5	
183·8	Portage du Fort village, highway bridge floor 268·16; low water above Shea island, 6th Oct., 1905	241·9	
	Devil's Elbow Chute, low water above 6th Oct., 1905	250·1	
184·8	Low water above Big Elbow Island, 6th Sept., 1905	256·0	
188·0	Low water junction Calumet channel, Rocher Fendu lake, 16th Sept., 1905	257·0	
	Rocher Fendu Channel.		
191·2	Rocher Fendu Chute, foot; L. W. Mar., 1906	257·0	
	" " head; " "	260·8	
191·8	Flat Rapids, foot; L. W. Mar., 1906	261·0	
	" head; " "	262·1	279·3
192·5	Long Rapids, " "	262·1	
193·0	" head; " "	273·0	
193·3	La Barrière Rapid, foot; L. W. Mar., 1906	278·4	
193·8	" " head; " "	281·4	
194·3	Muskrat Rapid, foot; L. W. Mar., 1906	281·7	
194·6	" " head; " "	288·0	
195·3	Mice Rapid, foot; L. W. Mar., 1906	290·2	
195·5	" head; " "	291·5	
	North of La Fontaine Island.		
0·0	East end La Fontaine Island		
0·8	Garvin rapid, foot	293·4	
1·5	" head	324·3	
1·8	Desjardins rapid, foot	327·6	
2·0	" " head	338·0	
3·3	Sullivan Falls dam, foot	339·7	
3·3	" " head	344·2	
	South of La Fontaine Island.		
195·8	Lafontaine Rapid, foot	291·9	
196·3	" " head	297·3	
196·5	Norman Rapid, foot	311·3	
196·8	" " head	314·6	
196·8	Black Rapids, foot	314·8	
196·5	" " head	326·6	
197·5	Black Falls, foot	326·9	
197·8	" " head	337·3	
198·8	Sullivan Falls dam. See above		
203·3	La Passe village, Coulonge lake, L.W., Oct., 1905, H. W., 1876	341·0	359·5
	Calumet Channel north of Calumet Island.		
188·0	Junction Calumet channel	257·0	
188·5	Sable rapids, foot; L. W., 1905, and H. W., 1876	257·0	268·1
188·6	" " head; L. W., 1905.	263·5	
	Mountain Chute, foot; L. W., Aug., 1905	264·6	
189·8	" " head; L. W., 1905; H. W., 1873	278·7	289·1
190·6	Dargis Rapids, foot, L.W., Aug., 1905	281·0	
190·9	" " head, " "	284·6	

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OTTAWA RIVER—LOCALITIES, DISTANCES AND ELEVATIONS—Con.

Miles from mouth.	——	Low Water.	High Water.
	Calumet Channel north of Calumet Island—Continued.		
192·2	Grand Calumet falls, foot; L. W., Aug., 1905	285·8	
193·1	" " head; " "	343·0	
193·8	Bryson village highway bridge		
196·6	Calumet village, south side		
197·7	Campbell's Bay village, north side; L. W., Oct., 1905	342·5	
198·6	Grand Rocher		
206·2	Grand Marais		
210·4	Junction with Rocher Fendu channel, west end Calumet Island		
203·3	La Passe village, Coulonge lake; L. W., Oct., 1905; H. W., 1876	344·0	359·5
205·3	Fort Coulonge village		
206·3	Coulonge river enters north side		
208·0	Point Séche north side, Malloy bay south		
210·3	Mellon station C. P. Ry., north side; Hennessey bay and Sand point, south		
211·8	Finlay island		
213·8	Waltham village, north side; Black river enters and Culbute channel joins		
214·0	Spotswood ferry, east end Allumette island		
214·8	Paquette rapids, foot; L. W., 1905	344·5	
218·0	" " head; L. W., 1905; Lower Allumette lake	352·4	
219·8	Westmeath village		
227·3	Allumette rapid, foot; L.W., Dec., 1905	352·4	
228·3	" " head; " "	364·4	372·2
231·3	Pembroke; Muskrat river enters south side		
232·8	Desjardins village, Allumette island		
236·9	Leblanc island; lower narrows		
240·0	Culbute channel north side		
240·5	Petawawa village; Petawawa river enters		
241·5	Upper narrows		
243·4	Fort William village		
	Culbute Channel north of Allumette Island.		
0·0	Waltham village; Culbute Channel joins	345·0	
1·8	Black river enters north side		
4·2	Calumet river enters; Humphrey Island		
6·6	Nickaban river enters north side		
8·6	Chapeau village and highway bridge floor, 361·0	.....	359·0
10·6	Chichester village		
13·3	Culbute rapid, foot	345·0	
13·5	" " head; two wooden locks in flight and dam now in ruins; lock 200' x 45' lift		
15·6	West end Allumette island		
19·6	Fort William village	365·0	
	Ottawa River Continued.		
245·5	Sturgeon bay, Chalk river enters south side		
247·9	Highview village south, Tap point north		
250·0	Oiseau rock		
253·9	McQuestion's point		
257·4	Schyan river enters north side		
265·9	Fraser's point, lumber depot		
270·9	Des Joachims rapid, foot; L.W., Aug., 1905; H.W., 1876	365·0	374·7
	Des Joachims village		
271·4	Des Joachims highway bridge; L.W., Mar., 1905	377·5	
271·5	Des Joachims rapid, head; L.W., Sept., 1906	390·5	405·7
278·1	Mackey station, C. P. Ry		
280·3	DuMoine river enters north side	390·0	
282·4	Stonecliffe		
283·0	Reilly's rapids, foot	390·7	
283·5	" " head	392·4	
285·0	McSorley's rapid, foot	392·4	
285·6	" " head	395·2	
	Bear Creek enters north side	395·2	
288·0	Mirabeau rapid, foot		
288·3	" " head	397·5	
289·4	Rocher Capitaine rapid, foot	397·5	
291·6	" " head	449·0	
292·0	Bissett's creek enters south side		
297·0	Doyle's rapid, foot	449·0	
297·5	" " head	442·0	
302·5	Deux Rivières rapid, foot	442·7	
303·1	" " head	456·1	
303·6	Trou rapid, foot	456·1	
304·2	" head	462·6	
304·2	Maganasibi river enters north side, and Deux Rivières village south		
305·0	La Veillée rapid, foot	462·6	
305·5	" " head	474·0	
314·5	Klock station, C. P. Ry.; Aumond creek enters south side		
314·5	Rocky Farm rapid, foot; L.W., Oct., 1905	476·9	
316·7	" " head	480·1	
318·2	Burritt's rapid, foot	480·5	
319·3	" " head	484·1	

OTTAWA RIVER—LOCALITIES, DISTANCES AND ELEVATIONS—Con.

Miles from mouth.	——	Low Water.	High Water.
	Ottawa River—Continued.		
323·7	Johnson rapid, foot	485·0	
324·9	C. P. Ry. bridge, Mattawa town, Mattawa river enters west side		
	Johnson rapid, head	492·0	506·1
326·6	Antoine creek enters west side		
328·8	Cave rapids, foot	492·0	506·1
329·4	" head	501·2	515·9
332·4	Cotton creek enters east side		
332·9	Les Erables rapid, foot	502·8	521·3
333·5	" " head	515·5	527·9
334·4	Snake creek enters east side	515·5	528·5
336·9	Mountain Chute, foot	515·7	530·7
337·3	" " head	518·2	535·3
347·7	Jocko creek enters west side; Eddy's farm		
353·2	Beauchêne station; Beauchêne creek enters east side	518·2	538·6
354·0	Long Sault rapids, 6th rapid, foot	518·7	539·1
354·4	" " " head	526·5	544·4
354·8	" " 5th rapid, foot	526·6	545·0
354·9	" " " head	530·5	545·6
355·1	" " narrows, foot	530·6	547·5
355·5	" " " head	531·6	548·0
356·2	" " 4th rapids, foot	533·1	548·4
356·8	" " " head	539·8	555·7
358·0	" " 3rd rapid, foot	541·1	560·9
358·2	" " " head	551·6	563·5
359·1	" " 2nd rapid, foot	552·0	568·4
359·4	" " " head	562·5	571·2
559·5	" " 1st rapid, foot	562·5	574·5
359·7	" " " head	566·2	578·8
360·1	Pond foot of island, Timiskaming dam, highest record before dam built, 1909; lowest, 1911	566·3	583·2
	Surface when standard flow 20,000 c.f.s. passing dam	570·9	
360·3	Timiskaming dam; top roadway, 592·36; sill sluiceways, Ontario side, 568·36; sill sluiceways, Quebec side, 564·36; highest record before dam built, 1909; lowest, 1911	575·4	590·5
	Regulated full reservoir		588·4
370·6	Little Opemicon enters east side		
370·9	Green creek enters west side		
371·1	Opemicon narrows, foot; H. W., 1909; L.W., 1911	575·4	591·0
371 7	" " head " "	575·559	1 ·6
372·6	Great Opemicon enters west side, MacLaren's bay		
376·9	McMartin's point, east side		
382·2	Latour's Mill, east side		
387·2	Nagle's bay, west side		
388·4	Kipawa river enters east side		
393·4	Heenan's bay, west side		
394·9	Matabitchuan river enters west side		
395·1	Montreal river enters west side		
399·9	Fabre village; Lavallée bay		
400·9	Silver Center village		
401·9	Quinn point		
402·7	Young creek; L'African bay		
403·9	Pte a la Barbe		
405·1	Little Blanche enters east side, Laperrière bay		
406·6	Fort Timiskaming narrows, H. B. Co. post		
409·4	Baie des Pères, Ville Marie village		
411·4	Paradis bay, west side		
412·9	Foot of Bryson island		
416·7	Foot of Burnt island		
420·1	Haileybury town	575·5	591·8
420·9	Guigues		
422·9	New Liskeard; Wabi bay and river; Dawson point		
427·9	River Blanche enters north side; Sutton bay		
428·9	Quinze section of Ottawa river enters Paulson bay		
431·2	North Timiskaming village; highway bridge		
432·8	Klock's camp		
432·9	First chute, foot	575·5	591·8
433·1	" head	589·3	602·0
433·3	Eel chute, foot	589·9	603·9
434·0	Devil chute, foot	600·1	614·9
434·5	" head	649·1	661·5
437·8	Island rapids, foot	649·3	663·0
439·5	" " head	734·0	742·0
440·6	Little Pipestone rapid, foot	735·5	744·0
440·7	" " head	736·3	746·8
441·2	Big Pipestone rapid, foot	739·7	749·5
441·3	" " head	743·4	759·0
441·7	Kekek rapid, foot	744·7	763·5
443·1	" head	790·4	805·5
444·0	Cypres rapid, foot	790·4	805·5
445·6	" head	813·9	826·5
446·0	Maple rapid, foot	816·4	828·3
446·6	" head	827·6	835·3

OTTAWA RIVER—LOCALITIES, DISTANCES AND ELEVATIONS—Con.

Miles from mouth.	——	Low Water.	High Water.
	Ottawa River—Concluded.		
446·6	Qinze dam; top roadway 872·75; sills sluiceways vary from 843·2 to 854·7; highest record (before dam built, 1914), ; lowest water,		
	Regulated full reservoir 867·38; surface when 10,000 c.f.s. passing dam		
	Previous to building of dam, pond above Maple rapids	837·9	846·2
	Head rapid extended from mile 447·3 to 448·2, rising to Quinze lake surface; H W., 1909; L.W., 1914	850·9	858·1
450·4	Red Pine narrows		
456·0	Gillies bay, south side		
463·2	Smooth river enters from Roger lake north side		
471·0	Narrows between Quinze and Expanse lakes		
477·0	Ottawa enters Expanse lake, north side		
483·4	Sturgeon rapids, foot	851·0	859·0
484·2	" " head, June 1910	.....	875·1
487·0	Kenojevis river enters west side, June, 1910	.....	875·8
605·0	Grand Lake Victoria	1,000	
615·0	H. B. Co. post		
635·0	Birch lake	1,030	
647·0	Backbone lake		
659·0	Kapitajewan river enters north side		
671·0	Barrière lake and Kakabonga lake to south		
683·0	Bouchette lake		
740·0	Head of river, Mechegama lake		

NOTES ON A VISIT TO KEOKUK DAM, MISSISSIPPI RIVER, IOWA, U.S.A.

Department of Public Works,

Ottawa, January 27, 1913.

Eugene D. Lafleur,
Chief Engineer, P.W.D.,
Ottawa.

Sir,—According to your instructions of the 10th of December last, we, the undersigned, have the honour to report that we have visited the water-power in course of development at Keokuk, Iowa, U.S., at the foot of the Des Moines rapids on the Mississippi river, with the object of obtaining useful information in view of probable similar developments being undertaken in Canada.

The works under construction at Keokuk by the "Mississippi River Power Company" are the largest ever undertaken by any private company in America. The capital required, about $25,000,000, has been subscribed in several European countries, Canada, and the United States. The amount of power to be developed is 300,000 horse-power, or about one-half of the total now utilized by five companies at Niagara Falls. Although the present installation will consist of only fifteen turbines and electric generators of 10,000 horse-power each or one-half of the ultimate installation, however, the foundations for the additional units are all built and will require but a comparatively small outlay to complete any part of or the whole installation as it becomes necessary. The city of St. Louis, Missouri, 140 miles distant, has already contracted for 60,000 horse-power for ninety-nine years. The transmission line is nearly completed, and will carry the electric current at 110,000 volts. The works are to be completed by the 1st of July next.

HISTORY.

The project of utilizing the Des Moines rapids for an electric water-power has been under consideration for a great number of years, dating back to 1848,

when it was proposed to develop 10,000 horse-power by means of wing dams. In 1890, a company was organized and engaged the services of Mr. Lyman E. Cooley who made several propositions for water-powers of different capacities at Nashville, 8 miles above Keokuk, but this company was unable to finance its scheme.

A few years later, the matter was taken up by Mr. Hugh L. Cooper, Consulting Engineer of New York, who proposed the works now being carried out. He undertook to raise the funds and he organized the new company which took over the rights of the old company. In 1905, Congress passed a Bill authorizing the company to proceed with the works.

SITE.

The site of the power plant is at Keokuk, Iowa, on the west side and Hamilton, Illinois, on the east side of the Mississippi river, at the foot of the Des Moines rapids, which extend for a distance of nearly 12 miles. It is 220 miles west of Chicago; 140 miles north of St. Louis, Missouri, and 180 miles east of Kansas City. It is the centre of a population of nearly 5,000,000 within a radius of 220 miles. The city of Keokuk has a population of 15,000. The river at this place has a depth of 7 feet, the rapids have a fall of 23 feet, and are overcome by a canal, 9 miles long and three locks with 6 feet of water on the upper sill, built by the United States Government in 1877, on the west side of the river, but navigation is not practicable at low stages of the river.

CONDITIONS IMPOSED.

Several conditions were imposed by the Government before granting authority to build the water-power development by the company; such as the construction of a lock 110 feet wide, 400 feet long, with a lift of 40 feet and a depth of 8 feet on the upper sill to take the place of the old canal; the construction of a dry dock 110 feet wide at entrance, 463 feet long. These are to become the property of the Government after completion, and the power for their operation is to be furnished free in perpetuity by the company; the water level is not to be raised more than 35 feet above its present level at the site of the dam and the depth of 8 feet is to be maintained on the new lock sill. The company has to pay all damages on account of flooded lands and to raise the level of the highways and railroads on both sides of the river.

ADVANTAGES DERIVED.

The company estimates that the advantages derived by the Government from the construction of the dam and water-power are equal to a capitalization of over $5,000,000, as the old canal and locks, built in 1877, were in need of constant repairs which, together with the cost of operating, amounted to $40,000 a year; besides, 2 feet additional depth of water on the sill of the new lock are obtained and deep water navigation is provided for a distance of 60 miles above the dam. It is also contended that a saving of two hours will be effected by boats running in open slack water instead of through the canal.

WORKS UNDER CONSTRUCTION.

All the works are built of concrete on a solid rock foundation and consist of:—

First.—A dam 4,278 feet long plus the east abutment 290 feet and west abutment 81 feet. The dam is 42 feet wide at the bottom and 29 feet wide at the top, of

a total height of 53 feet. The dam is composed of 119 arched spans, with piers 6 feet thick and 30 feet of clear span. The spillways between the piers are 32 feet high from bottom, with vertical upstream face; the downstream face is an ogee curve. The dam is keyed into the lime-stone bottom of the river about 5 feet in depth. Steel sluice gates, 11 feet high on top of each spillway, with their ends fitted into grooves in each pier, are to be raised by electric travelling derrick as required, to regulate the level of the river. The piers support a reinforced concrete floor intended to carry the derrick and a railway track. The piers and dam consist of solid mass concrete of 1–3–5 mixture.

Second.—A power-house, 1,718 feet long, 133 feet wide, with sub-structure built of mass concrete and 70 feet high to generator floor. The substructure contains the turbine chambers, stairs, and passage ways; it is provided with two ice chutes, 30 feet wide, for sluicing out ice floating in the fore bay: the superstructure is 107 feet high, the walls are built of reinforced concrete, and there are four floors, the first containing the generators and the others contain the oil switches, the transformers, and other accessories.

Third.—Thirty generators and turbine units, each mounted on the same vertical shaft, which is 25 inches diameter, running fifty-eight revolutions per minute. The generators are 31 feet in diameter, the turbines 16 feet 2 inches in diameter, of a capacity of 10,000 horse-power each, rated on a 32-foot head of water; this head will vary from 22 to 35 feet. A thrust bearing on rollers carries the generator, turbine, and shaft, a total weight of 550,000 pounds. The first installation will consist of only fifteen power units. The turbine chambers are 39 feet in diameter, and the water is guided so as to have the best effect on the turbines.

Fourth.— A lock 110 feet wide, 400 feet long, with 8 feet of water on the sill, and walls 52 feet high, from 8 to 33 feet thick, with main filling culverts under the concrete side walls and branch culverts with outlets through the floor; four branch culverts on each side. The culverts are cast in concrete around steel lining as a protection against erosion. The lower lock gates are 50 feet high and consist of a steel truss sheeted with steel plates on the compression side only; part of the outer side of the frame is sheeted so as to form an air chamber which will support a part of the weight of the gate by its power of floatation. The gates are pivoted on hardened steel and bronze. The upper lock gate is of an entirely new design, it consists of a single steel caisson and is intended to carry a railway track to be used when the lock entrance is closed; the bottom part is an air chamber that may be filled with water the weight of which sinks the gate into a chamber until its top is somewhat below the lock sill and allows the boats to pass over it. As soon as the boat is in the lock, compressed air is introduced into the air chamber which forces the water out, allowing the gate to float back in place. Proper appliances are provided at each end to lock the gate in its proper position. Three gates of this design will be built, one for the dry dock and two for the lock, one of which is a guard gate, all interchangeable.

Fifth.—A dry dock, 110 feet of entrance, 463 feet long. It is to be closed with one of the gates above described. No pumps will be required for this dock as the water may be let out by gravity through a culvert having its outlet in the lower reach of the river below the power-house.

Sixth.—A sea-wall, 1,110 feet long, 45 to 70 feet high, to be built on the west side of the river to protect the railroad embankment which has been raised on account of the higher level of the river.

Seventh.—An ice-fender, 2,325 feet long, on the line of the upper limit of the forebay to exclude the ice therefrom. A 300-foot opening in the ice-fender is provided at its west end for navigation purposes. This opening will be closed during the winter season by a floating boom built of timber trusses, 5 feet deep.

The concrete structure is a series of arched spans 60 feet long with 10-foot piers between; the top of the structure will be 8 feet wide and the bottom 18 feet wide; the crown of the arches will be 4 feet below low water so as to prevent ice from entering through the spans.

All the concrete was deposited in the dry in cofferdams built of open face timber cribs, 24 feet long, 16 feet wide and about 15 feet high, placed 12 feet apart, allowing the water to run between the cribs, when all the cribs were placed and ballasted with stone, the openings were closed with horizontal square timbers. The cofferdams were built in lengths of about 400 feet. Vertical planks were driven along the outer face and earth was deposited against the sheathing. The cribs were built by two crews; rewards were given for fast work with the result that an average of one crib was built in a day, each crib containing 22,000 feet b.m. of timber. One section of cofferdam was ready before the concrete had been completed in the preceding section.

All the works are built by day labour under the direction of the chief engineer, Mr. Hugh L. Cooper. They are divided into two sections; the Illinois section consists of the dam from the east shore to the power-house, and the Iowa section includes the power-house, the lock, the dry-dock and the ice-fender; each section has its complete organization and plant. The bridge floor over the piers of the dam was completed as the work advanced so that it could be used for the transportation of the concrete on cars carrying 1½-yard buckets drawn by steam engines on a railway of standard gauge. Near the end of the finished part of the floor was mounted a travelling cantilever derrick, 240 feet long, which took the buckets from the cars and carried them ahead to the mould at the end of the cantilever arm of the derrick, which is 150 feet long; the derrick, fully equipped, weighs 175 tons, and runs on six wheels over 100-pound rails placed 25 feet apart.

The total amount of concrete employed in these works is about 650,000 cubic yards, the total length of the concrete works is about two miles.

All the materials used for concrete are delivered in the mixers by gravity from hoppers in which they have been deposited by cars running on an elevated railway. During the winter, the broken stone and sand are heated by steam pipes distributed in the hoppers, but no concrete is mixed when the temperature is below +20 degrees Farenheit.

The quantity of steel used in the works amounts to 7,000 tons, and the quantity of timber used for the cofferdam and forms was 10,000,000 feet b. m.

The amount expended on the plant alone was about $1,000,000. The plant consists of: 15 miles of standard-gauge railway, 60-pound rails; 16 standard-gauge steam locomotives; 142 cars, of which 50 are dump cars; 1,700 tons of steel in derricks, steel forms, and bridges; five 10-ton derrick cars; 9 concrete mixers; 44 steam boilers; 50 miles of iron pipes, 1 to 5 inches diameter; stone crushers, capacity 3,500 cubic yards per day; centrifugal pumps; air compressors, etc.

The works were commenced in December, 1910, and are expected to be finished not later than the 30th June, 1913, or about thirty-one months, during which about $25,000,000 will have been expended.

The raising of the water level by the construction of the dam will flood a large area of land on both sides of the river, in which 800 private parties and companies were concerned, to whom damages had to be paid. Out of the total number of cases, only eight were not amicably settled immediately; six of these have since made satisfactory arrangements, and only two will have to be decided by a court of justice, the company having been most liberal in the settlement for damages.

A large proportion of the flooded land paid by the company is to be reclaimed and laid out into parks for local attraction on each side of the lake to be formed.

We cannot speak too highly of the many kindnesses extended to us by the secretary of the company and the assistant engineers under Mr. H. L. Cooper, the chief engineer, whom we had not the pleasure of meeting on account of his absence from Keokuk.

The company is willing to give every facility to their numerous interested visitors to inspect the works and give all the information regarding the mode of construction; observation platforms are built on each side of the river overlooking the works, from which descriptions are given by one of the officials. We were, however, favoured by being accompanied by one of the junior engineers through all the different parts of the works for a detailed inspection.

We have the honour to be, sir,

Your obedient servants,

C. R. COUTLEE,
M. Can. and Am. C.S.

V. C. VALIQUET,
Supervising Engineer.

P.S.—The following details of the Keokuk work, gleaned from the company's publications, *Engineering News*, and other sources, is submitted as useful for reference in connection with hydraulic work.

HYDROGRAPHY.

The Keokuk dam across the Mississippi pens up the greater part, but only a part of the northern or upper river draining 171,500 square miles. Extreme floods are not experienced in this upper portion. The Missouri draining 527,000 square miles—the area of the whole St. Lawrence basin—enters below Keokuk at St. Louis, and the Ohio draining 204,000 square miles joins at Cairo. These two great rivers sometimes form a conjunction flood creating rises of 40 feet in the river surface.

The upper river is not so extreme. At the dam site, the general surface of the natural rock bottom of the river is elevation 480. Low-water elevation is 484 and high-water elevation 505, showing an extreme fluctuation of 21 feet.

The Mississippi reservoir system amounts to 3,300 square mile feet, about half the Ottawa storage. The reserves are from 500 miles to 300 miles above St. Paul, Minn., which is 400 miles above the dam. These reservoirs being 700 to 900 miles distant seem to have no appreciable effect on the flow at Keokuk.

The drainage area of the Mississippi river above the dam amounts to 110,000 square miles, or double the area of the Ottawa basin. The basin consists principally of the states of Iowa, Wisconsin, and Minnesota, reaching northward to within 30 miles of the south shore of lake Superior.

The average annual precipitation in the south part of the basin is 35 inches, but decreases northward to 30 inches at St. Paul and 25 inches at the extreme northern boundary. This is not much different to the annual rainfall over the Ottawa basin, but the annual run-off is apparently less, being only 0·4 c.f.s. per square mile in the northern part, and about 1 c.f.s. per square mile in the southern part of the basin.

The Keokuk power plant consists of thirty wheels, rated at 10,000 horse-power, and 200,000 horse-power electrical, is to be developed on 32-foot head. The average annual flow is about 62,000 c.f.s., or nearly 0·5 c.f.s. per square mile for the whole area.

The sluice-ways in the dam are 30 feet by 11 feet high, and 113 in number. This would seem to be arranged for passing a maximum flow of 410,000 c.f.s., the highest recorded is 372,500, or about 3·4 c.f.s. per square mile. The Ottawa area yields, during the May flood, 6 c.f.s. per square mile, and in parts 8 c.f.s. per square mile.

CLIMATE.

The climate is milder than that over the Ottawa basin, but ice takes to a thickness of 20 inches. During the extraordinarily severe winter of 1912, the ice was 30 inches thick in places, but broke up at the end of March. At the time of our visit, 9th January, there was good sleighing in Keokuk and frazil ice was forming in the rapids. The year before, the ice attack upon the Keokuk coffer dam (24th March, 1912) seems to have been very heavy.

TOPOGRAPHY.

Between Montrose and Keokuk, Ia., a distance of about 12 miles, the river-bed has a fall of 23 feet, forming what is known as the Des Moines rapids. The surface fall is about 23 feet at low water, and 16 feet at high water, the greater part of this fall being in the lower 8 miles. The river is in solid limestone formation, and its bed is practically smooth, so that there is no broken water or surface disturbance except during very low water and at the lower end of the rapids, where ridges of harder rock cross the bed. The river channel itself is only navigable at high water, however, and navigation past the rapids is provided for by a canal. The river here is nearly a mile wide and has a depth of about 7 feet at mean water. In a 20-year range of observations, its volume of flow ranged from 20,000 cubic feet per second at low water to 372,500 at flood stage, the mean as deduced from gauge curves being 62,000 c.f.s.

The dam will raise the water level about 35 feet at the dam, submerging a considerable area of flat land along the banks and forming a pool about 60 miles in length. About 35 per cent of the submerged land is on the Illinois side, where the bluffs are nearer to the river than on the Iowa side. On the latter side, however, the tracks of the Chicago, Burlington, and Quincy Railway will have to be raised for a distance of about 9 miles. The normal working-head on the hydraulic machinery at the power-house will be 32 feet, but the head may vary from 21 feet at high water to 39 feet at low water, the upper level being kept constant.

The Mississippi, except for low water, is, with the exception of a 12-foot fall at Rock island, free of obstruction from St. Paul to New Orleans.

NAVIGATION REQUIREMENTS.

Raising the river surface involved among other damages the abandonment of the United States canal along the west side of the river. Consequently a new lock concentrating all the rise, about 40 feet, had to be constructed.

A proposition that the Government should pay the actual cost of building the new lock and appurtenances was disapproved by the chief of engineers on the grounds that: (1) such an arrangement between the Government and a private corporation in the construction and maintenance of a public improvement was not desirable; and (2) that the existing works are amply sufficient for navigation requirements, the new lock being necessary only because the construction of the dam will render these existing works useless.

The upper Mississippi River Improvement Association was very active in the matter, finally the company agreed to build even a larger lock than demanded by the United States corps. The idea is that a navigation similar to that down the Ohio will eventually obtain.

MARKET FOR POWER.

The locality of the dam will eventually be a great manufacturing district. The five million people in the power radius will require current for lighting, domestic purposes, and for street railways. The raw products would seem to be chiefly agricultural, but steamboats and barges may of course transport bulky materials from distant points, eventually.

The Ottawa valley has great agricultural productions, but in addition has much mineral and forest products. It is a superior power district to Keokuk in all respects, except population.

COFFERDAM AROUND POWER-HOUSE.

A great deal of timber was used for cribwork and concrete forms. It came from Louisiana and Mississippi, sawn ready for use. With us, it would generally be economy to have a saw-mill at the site.

Standard gauge tracks connect up to all parts of the work, so that car loads of timber and stone filling for cribs were run out to the very spot at which they were used.

The half mile of cofferdam for the power-house, which lay in the direction of the river current, was, of course, subject to scour. This would have carried away the clay seal deposited along the outside toe, but shoulders were built out from the general line of cribwork to baffle the current. The upper shoulder was extended out 100 feet into the river in March, 1912, as additional protection against ice attack.

The cribwork cofferdam around the power-house was 25·5 feet high to withstand maximum floods, and that of April 6, 1912, rose to within 3 inches of the top. The cofferdams pocketing the various sections across the river did not attempt to keep out anything but ordinary floods, as it was found cheaper to allow them to flood, under the circumstances.

Cribs were scribed to the bottom and were 24 feet long by 16 feet wide, built with full open joints and without dovetails; rough vertical planks inside retained the stone filling. They were built ashore, launched and finished floating and set by guy lines with a space of 12 feet between. After the cribs were loaded with stone, the gap was filled with stoplogs, the upstream face was sheeted with 3-inch plank set vertically, and then earth was dumped along the toe from cars. Stone was deposited on top of the earthfill, if it needed protection from the current. Timber and some of the filling was handled by standard-gauge derrick cars, and the boring and spike driving was done with pneumatic tools.

The power-house site required 150 cribs to inclose the space 700 feet wide by 2,000 feet long round three sides, the old canal bank forming the shore side of the rectangle. Work was begun January, 1911, but was only rapidly under way by middle of March. The upper half of the area was inclosed 20th April, and unwatered by the 11th May, so that dust was flying. All these cribs were braced to give additional strength; they were built in about 8 feet of water. A bonus was given if one crib per day was built and set for a period of twenty-five days by each crew. The crib filling was from a quarry near by that was stripped and excavated by steam shovel, then hauled in 12 cubic yard air dump cars. This cofferdam proved to be very tight and has given no trouble. A 6-inch centrifugal pump easily handles all the leakage.

COFFERDAM ACROSS MISSISSIPPI.

On 1st March, 1912, all piers up to and including No. 82 had been built from Hamilton, across to Keokuk, and cofferdam No. 3 was pumped dry, leaving

450 feet to close. The final gap between the river cofferdam and the power-house was closed July 22, 1912. The method of building this last part was similar to that followed before. Cribs were placed and loaded with stone, the water finding a flow-way in the spaces between. No difficulties arose until in the last 200 feet when, in addition to the greater current and depth, the rock bottom for the first time was found covered with gravel.

The cribs were made larger, more heavily loaded, and placed touching each other. A strong fender boom was moored along the upstream face of the cribs already built and extended out to baffle the current.

The new crib bottom was built on a car, run out to the end and swung to place under the lee of the boom, to which it was made fast. It was then gradually sunk to place and filled with stone.

The building of the ogee part of the dam was done in lifts to avoid excessive depths due to raise of surface. No concrete was placed during February, 1912, owing to continued cold, and in March, an ice jam, below the site, flooded the works; this emergency, however, was expected, and all the plant was taken out. The ice gorge below gave way 24th March, and the increased current brought down a heavy ice attack. The piers, which were only four months old, were subjected to swiftly moving cakes of ice, 2½ feet thick and 30 feet by 100 feet in size, with no resulting damage. The cofferdam across the river remained flooded till 1st May, but the previous good progress prevented this delay from seriously affecting the general advance, the last section of the cofferdam connecting with the power-house.

CONSTRUCTION PLANT.

For construction, compressed air was largely used, except for locomotives and steam shovels. The power plant on the Keokuk shore consisted of five boilers of 1,000 horse-power total capacity, and one 350-horse-power and one 150-horse-power air compressors at 125 pounds pressure. On most works it is desirable that the power be centralized, and compressed air is simple, safe, and effective. It can be used in ordinary engines for derricks, mixers, and pumps; also for drilling, cleaning hobs and surfaces, and for painting and white-washing machines. About $1,000,000 has been spent on plant, which is much less than 10 per cent of the cost of the work.

A water supply was obtained from 1,000-gallon tank; there was also an electric lighting plant which allowed of working full time, even during short winter days.

The sand supplied for both sides of the river was obtained 2 miles below the dam at the mouth of the Des Moines. It amounted to 300,000 cubic yards, and was pumped by a dredge to a shore pile, whence it was handled by two cubic yard clam derricks on to 12 cubic yard cars, which had running rights over the C. B. & Q. railway.

TYPE OF DAM.

It was decided to install a plant and build from the Illinois side on account of securing greater space for machines and material, better railway service, and because there was a good quarry obtainable nearby.

The gravity type of dam was chosen, as the large quantities of concrete could be placed more cheaply in mass, and there was no bother with the setting of reinforcing rods in the field. A very weighty and solid job was the ideal aimed at. The concrete was one cement, three sand, and five stone, but displacers do not seem to have been used extensively.

EAST SIDE PLANT AND MATERIALS.

The east side plant, including the quarry, are comprised in a circle of 600 feet radius, the centre being the end of the dam. The quarry was 300 feet from the end of dam. Its face was 35 feet high, and there was about 8 feet stripping. Well drills, making 5½ inches holes, were used, the average depth being 38 feet, with holes spaced 15 feet apart and 20 feet from the face. The explosive was 60 per cent dynamite, with two fuses in each hole, fired by dynamo current. There was considerable trouble with freezing.

One row of holes shot, gave employment for six weeks to a 100-ton steam shovel, loading into 12 cubic yard air dump cars. The force was fifteen men, and about 1,000 cubic yards per day was the output. This was hauled to and dumped into a large crusher, which took 1-ton pieces without hand breaking.

The dust and fine stone was carried away from the crusher by a conveyor to be used in road-making, and the rest passed through a rotary screen throwing out 4½ inch stone to be recrushed in small crusher. All the stone passed down a chute into a bin holding 500 cubic yards. Beneath this bin were tracks leading up an incline and two 5 cubic yard bottom dump cars carried the stone by air winch up to the 700 cubic yard bin above the mixing machines.

Sand from the DesMoines river is brought to another bin above the incline and hauled up on a third track to a bin above the mixers in a similar way to the stone.

Cement is stored in a 10,000-barrel shed, which abuts the mixing machine. There are four 1½ cubic yard air-run Smith concrete mixers set in concrete arches, which support the stone and sand bins. Steel chutes with valves, opened by air cylinders, convey and measure the charges of stone and sand. Cement is lead to the mixers by a hand-operated chute, and a measured quantity of water comes from a tank above, while the mixers are revolving.

The concrete is hauled away by light locos and flat cars, upon each of which are two 1½ cubic yard bottom dump steel skips. Each skip is spotted at the mixer and, when all are filled, the train is run out under the large traveller which lifts the skip to the forms. The east-side plant placed some 200,000 cubic yards in the dam.

CONCRETE PLANT EAST SIDE.

The concrete structure for the mixing plant has four arched openings, in each of which is a mixer of the drum type, of 1½ yards batch capacity. Just above the mixer is a floor on which are the cement hopper and the measuring chutes from the stone and sand bins above. The gates of these chutes are operated by compressed-air cylinders, but the gate of the cement hopper is operated by hand. The proportion of stone is a fixed quantity, but the proportion of sand can be varied slightly (to suit the size of the stone) by means of turnbuckle and screw attachments on the operating levers. Water is supplied from a barrel fitted with a measuring gauge. One man operates the gates of the measuring hoppers, handles the water valve and starts and stops the mixer. The cement is emptied from the sacks directly into the hopper, where it required to be stirred with a paddle to make it run quickly into the mixer. The men handling the cement wear respirators, covering nose and mouth, as a protection against the dust. Each mixer is driven by a vertical engine which is operated by compressed air in summer and steam in winter, the exhaust steam being then required to heat the sand and water.

The concrete plant on the west or Keokuk, Ia., side is very similar to that on the Hamilton, Ia., side, but the crusher is close to the mixers and elevates directly to bins above them. This is the more compact plant of the two, but on each case the excavated stone is hauled to the mixing place and then crushed.

WINTER WORK.

Winter work was not carried on when the temperature was below 20 Farenheit, still all pipes, both for air and water, had to be protected, and the sand and mixing machines were heated. Exposed concrete was covered with tarpaulins, and steam radiators kept the air warm beneath. These precautions were quite sufficient to have admitted of continuous work, as the results at Timiskaming dam have amply proved.

CONCRETE MATERIAL.

All cement is given a seven-day test at the mill, and is shipped in sealed cars to the plant, where it is again tested at the laboratory. More importance is attached, however, to the tests of the mortar, in order that it may be seen whether this is being made properly and economically. At the concrete mixing plant, samples of the mortar are taken every morning and afternoon, and tested at once as to proportions. Briquettes are made for future tests at 7 days, and at 3, 6, 9, 12, and 24 months.

The stone for concrete for the main dam is obtained from a quarry adjacent to the construction plant of the Illinois division.

The concrete plant capacity is 1,200 cubic yards per 10-hour day, which required 100 cars (12 cubic yards) of broken stone, fifty cars of sand, and six cars of cement. Eight hundred 1½ cubic yard batches are mixed and a like number of skips are filled, hauled to place and deposited. Besides machinery, force employed was 250 men, say 5 cubic yards of concrete per man, per day. There are about 300,000 cubic yards of concrete in the power-house, lock and retaining walls on the Keokuk side.

STEEL FORMS FOR THE DAM.

The use of steel forms on a large scale is one of the many special features of the work and these forms are of a novel design, originated by Mr. B. H. Parsons, the mechanical engineer. They are built of structural steel shapes and faced on the inner side with steel plates. For the pier form, each end consists of a vertical panel or leg the full width of the pier, and to the sides of these are bolted horizontal girders, 5 feet high, forming the side panels. Each panel is slightly shorter than the one below, to provide for the batter of the end of the piers, but they are made interchangeable, so that a panel for any given height can be used at any pier. In the upper panels, diagonal members are used so that the structural framing forms a truss. This is done in order that when the lower panels are removed the upper ones will be strong enough to carry the load of green concrete in the arches.

Each arch centre is composed of three-hinged trusses, and made in two sections, with a transverse joint at crown; it consists of a series of shallow trusses carrying the curved plate which forms the lagging. At the springing they are seated on the pier forms; at the crown are horizontal lugs which come into line and admit of driving longitudinal pins. This insures accuracy and rigidity. To release the center, the pins are driven out, allowing the two half forms to fall away.

A special feature of the work is the manner in which accurate position of the pier forms is secured. In advance of the work a small concrete pedestal is built on the rock bottom at the location of each end form; this extends the full width of the pier and has upon it a cast-iron shoe which is set and anchored at lines and levels given by the engineer. The shoe has two pins or dowels on the top face, to engage with holes in the bottom member of the end form.

Thus each pier form is given exact position, and is held in position by the dowel pins at the base and the connections to the longitudinal trusses and struts at the top.

Ten complete sets of pier and arch forms were used, the pieces weighing 4½ to 6½ tons.

For the dam sections between the piers, a pair of steel trusses will be fitted to recesses in the latter; one of these (near the upper side of the dam) is a little above the crest level, and the other (at the lower side) is a little above the toe. Beneath these will be fitted the forms carrying the lagging shaped to the contour of the downstream face of the dam. For the vertical upstream face, steel panels will be braced between the piers.

All forms are left in place for about a week, with five days as a minimum. As to speed of erection, the record is the erection of a complete pier and arch form in 5 hours, 20 minutes.

TRAVELLERS.

One of the most interesting features of the work is the use of a steel traveller for handling and placing the concrete, this machine closely resembling the travellers used in steel-bridge erection. The cars carrying the concrete buckets are run under the rear end of the traveller; a trolley then picks up a bucket, runs it out on the forward cantilever end and lowers it to the cofferdam or form. As the work advances, a track is laid along the roadway over the arches, and the machine is moved forward.

The traveller consists of steel trusses 25 feet apart, the rear portion having a length of 90 feet, and the cantilever portion 150 feet. The rear portion is mounted on six wheels running on a track of 100-pound rails carried by steel I-beams embedded in the concrete surface of the bridge which surmounts the dam. These I-beams are to carry the rails of the permanent traveller for handling the gates. The top of the I-beams is flush with the surface of the concrete, and pockets beneath its upper flange (to receive the bolts for the rail fastenings) are formed by cast-iron blocks which are made in two pieces, so that they can be removed when the concrete has set. Three railway tracks are laid through the rear or supporting portion of the traveller, there being a clearance of 24 feet in width and 16 feet in height. On these tracks are run the concrete trains, a semaphore over each track (on the back of the elevated engine-house) being used to signal the enginemen when to run in their trains.

The total height of the traveller is 65 feet, and its deck is 25 feet above the rails. This deck carries three runways, 210 feet long, one over the centre of each supply track. On each of these runways is a travelling trolley hoist, with its hoisting and travelling cables operated by two compressed-air engines, a large receiver being mounted on the machine. The engines for each hoist are operated by a man stationed in an engine-room below the deck, where he has a good view of the cars below and the runways above. At the end of each runway is a boy who has full view of the work below and signals the engineman by telephone as to the movements to be made. This avoids the confusion of hand signals or shouted orders. The concrete is delivered in 1½ yard drop-bottom buckets placed on flat cars; the trolley picks up a bucket, runs it out, lowers, raises, and returns it.

The machine weighs, with all its machinery, about 175 tons; this weight is carried by six wheels on the two rails. The equipment includes three 10-horse-power engines for traversing the trolleys, at 500 feet per minute; and three 40-horse-power engines for hoisting, at 150 feet per minute.

For the complete work on the dam there are four travellers in use. The first is a steel frame, with booms for erecting the forms; this is carried by rails on stringers supported by long ties resting on the side trusses of the last completed

steel forms, which thus serve as falsework. Following this is the cantilever traveller above described, which is used solely for handling and placing concrete. Behind this is a steel frame with booms for taking down the forms on the completed work behind the concreting traveller. The fourth traveller is also a steel frame with booms, and is used for depositing the concrete of the dam sections between the piers; the buckets are lowered over the side and dumped into chutes which deliver it to the required position.

For the work at the power-house section on the Iowa side, there are four cantilever gantry cranes; these have bridges 195 feet long over all; the main part spans the excavation and is supported by two bents 120 feet apart. Beyond one bent the bridge extends 60 feet as a cantilever, spanning tracks laid along the side of the excavation. Behind the other bent is a cabin containing the machinery for driving the hoisting and travelling cables of the trolley; this machinery is operated by compressed air. The trolley has a travel of 170 feet and a hoisting capacity of 4½ tons. The four cranes travel on two lines of rails, one at each side of the excavation. For the excavation, these cranes will handle the skip loads of broken rock, dumping them into cars on the upper level, these cars being run on tracks spanned by the cantilever. For the concreting, they will take the dump-buckets from cars on the same tracks and convey them to the required point. To the left and beyond the travellers is the cofferdam. Each crane has two 40-horse-power engines for hoisting at a speed of 150 feet per minute, and two 10-horse-power engines for traversing the trolley, at 500 feet per minute. As on all the other travellers, the engines are operated by compressed air. The total weight of the crane, with all its machinery is about 75 tons, which is carried by two wheels under each bent.

EXCAVATION.

The power-house excavation began 5th May, 1911, and 27,000 cubic yards were taken out by August, the material going to raise the C. B. & Q. railway tracks. It was all rock and, after blasting, was removed by steam shovel, which was loaded into skips handled by large travelling cranes.

The lock pit was begun 28th July, with a force of men and two stiff-leg derricks, this was the only place where channelling machines were used, and they seemed to have been confined to the trenches for filling culverts. The excavation for foundations of the retaining wall, 11,000 feet long, which will protect the raised railway track, was also carried on at the same time as the lock pit.

The excavation for the foundation of the dam proper was always several hundred feet ahead of the concrete. Over a quarter of a mile, or 40 per cent of the whole length on the east side of the river was through dry fields, and done without cofferdam. After the over-burden of earth was removed, the shale and soft rock was blasted out. A depth of 4 feet was always excavated in the rock to provide a good footing for the dam.

To test the rock, however, for seams, 6-inch holes were drilled every 36 feet to a depth of 30 feet. A time record was kept, and if the rock seemed soft, it was tested with compressed air, observations being made to find if the pressure was reduced by leakage.

The first cofferdam for the river section extended from pier 49 to pier 76, about 1,000 feet. The upstream side was formed of cribs loaded with stone, with spaces between each crib filled with stoplogs. The downstream side consisted merely of earth dumped from trestle work. When the piers and arches were completed in any section, the cofferdam was torn out, allowing the water to pass through between the newly erected piers. About four piers and arches were erected each week, and there was no trouble from the arch tending to kick over the pier.

During the fall floods of 1911, when 69 piers had been built, 20 of which were in the first section of cofferdam, the whole work was flooded. Through the weather bureau, ample warning was given, and all machinery had been removed when the water poured in, 17th October, 1911.

Each section of cofferdam was pumped out by a battery of two centrifugal pumps, 6-inch discharge, run by three vertical steam boilers. There was no mud on top of the rock, so drilling was at once begun. The holes were 4 feet deep generally and spaced 4 feet apart, and three or four lines were blasted together.

The broken rock was loaded into skips by men, and swung out over the dam into the river by two derricks, which moved along on skids and rollers. The width of the foundation trench was 48 feet, and the sides were carefully blasted. It seems remarkable that channelling machines were not used to secure a sharp edge as a cut-off against water seapage. One would have expected a small steam shovel to have excavated this foundation rock with a gantry crane to hoist out the loaded skips.

At the time of our visit, the dam had been pushed across the river, and the only excavation was in the tail-race along the power-house. This was in rock 22 feet deep, 2,000 feet long and 50 feet wide at the north end, increasing to 250 feet at the south end. The rock was loaded onto cars by steam shovel and taken to the crusher for concrete.

SLUICE GATES.

The gates or stoplogs (which act as flash-boards) for closing the openings above the spillway crest, are steel panels, 11 feet high and 32 feet long over all; these slide in grooves in the piers, and the downstream sides of their ends rest against cast-iron seats set into the face of each groove. Each gate consists of a framework of 18 inch I beams covered with $\frac{3}{8}$ inch steel plate on the upstream face. These gates will be handled by a traveller or derrick car running along the bridge which forms the top of the dam. When raised they are held in position by a locking device.

LOCK.

As already stated, the rise in surface, due to the dam, has necessitated the building of a lock by the power company. The final arrangement with the United States Corps and the navigation interests, led to a change of length of 400 feet with a width of 110 feet and depth on sill of 8 feet. This is to accommodate a possible navigation similar to that of the Ohio river.

The absence of an entrance wall at the upper end of the lock is noticeable. We were told that a heavy boom would eventually be placed to guide in boats.

The lower sill is elevation 477·65, and the lock floor is finished to the same level. The upper sills are elevation 511·00 and the coping elevation 530, or 5 feet above high water.

The lower end of the lock has arched mitre gates attached to a frame with two diagonals that takes up all the dead weight, the arch carrying all the water pressure. These gates are 49 feet high, and each leaf is 66 feet 4 inches long, curved to a radius equal to its length, the weight is about 300 tons. The specification follows in case it may be required for reference:—

SPECIFICATION FOR MITRE GATES.

The work to be done under these specifications is the construction of a pair of mitering lock gates and appurtenances finished complete and ready and consisting of the following:—

Two (2) sets of foundation castings, complete, with pintles and fittings.

Two (2) anchorages, complete, with upper pintles, cast-iron curb, floor plates and other fittings.

Two (2) sets of reaction castings and fittings for quoins.

Two (2) leaves forming one mitering lock gate, complete, with buoyancy chambers and tubes with air locks for access thereto, foot walk and cast-steel and other fittings as shown.

Each gate leaf will consist of the following: Thirteen arched ribs curved to the arc of a circle of radius 66′ 4¾″. These ribs will be framed together from top to bottom of leaf by heavy girders forming the quoin and mitreposts and by nine (9) lines of intermediate framing. The quoin and mitre posts are further reinforced and pressure from arch rib distributed by cast-steel castings in a continuous line from top to bottom, with fittings as shown. The frame thus formed will be covered on its convex side by steel plate stiffened as shown and caulked water tight over its entire surface.

The curved shell of leaf described above will be reinforced by heavy steel framing on its concave side, designed to sustain the entire dead weight of leaf and to prevent warping of leaf under any circumstances, with particular reference to power applied at top to open gate against maximum head of water allowed.

Except as otherwise indicated, all parts of work will be of structural steel of a class known as railway bridge steel, except for rivets which shall be of a class known as rivet steel. The quality of this material and workmanship on same shall be in accordance with standard specifications of American Steel Manufacturers, revised February 6, 1903.

Steel castings.—The process of manufacturing may be selected by the builder but material must not contain more than 0·06 per cent phosphorus or sulphur. Finished castings must be sound and free from sponginess, pittings, cracks or blow holes and must be thoroughly annealed before finishing. Standard test pieces shall develop an ultimate strength of from 65,000 to 70,000 pounds per square inch, an elastic limit of not less than one half the ultimate strength, on elongation of from 18 to 20 per cent in 2 inches, and shall bend cold through 180° to a radius equal to thickness of test piece without fracture on an outside of bent portion.

Nickel steel.—This material to be used for pintles. They shall be forged from ingots or blooms of sufficient size to ensure sound metal and shall be thoroughly annealed before machining. The material shall contain not more than 0·04 per cent phosphorus, nor more than 0·05 per cent sulphur and not less than 3¼ per cent of nickel. Standard test pieces shall show ultimate strength of 90,000 to 100,000 pounds per square inch, an elastic limit of not less than one half ultimate strength, and elongation of 18 per cent in 2 inches.

Workmanship must be of highest quality and precision to ensure accurate alingment of each leaf and proper performance of whole gate when subjected to the stress incident to its functions as lock gate. Castings must be accurately machine finished as indicated, with bolt holes drilled or reamed to match and provided with fitted bolts. Quoin and mitre post castings must have finished bosses opposite junction of arch ribs. Finished parts and members must be true to line and dimensions and the whole work must be assembled in the shops during manufacture and each part fitted and marked with a steel stencil for identification on erection, drawings to be furnished by builder. Arched ribs must be milled accurately to line at ends to ensure efficient butt joints. Rivets will be ¾ inch and ⅞ inch diameter, and holes for same will be reamed to match when parts are assembled during erection. Rivet holes will therefore be punched proper size for reaming in the shop. Edges of plates forming watertight skin of gate and buoyancy chamber with its partitions will be sheared, leaving clearance between adjoining plates, and all joints between these plates will be

provided with fitted outside butt straps bevel sheared for caulking. Pitch line of rivets must not be more than 2 diameter from edge where caulking is required, and such rivets shall be spaced about 3½ diameter. Pintles must be finished and polished to dimensions, and bushings for same finished smoothly to fit. Bushings for upper pintles to be bored and grooved for lubrication, and castings containing same to be bored and fitted with compression grease cups of suitable capacity. The hole to receive the bushing in these casting to be rough board 2 inches smaller in diameter than shown, so that final boring may be done after anchorages are bedded in the masonry.

Machine finished surfaces must be coated with white lead and tallow and be otherwise fully protected against injury before shipment. Inaccessible surfaces shall be coated with red lead before assembling and riveting up in the shops, and all other parts of the work shall be thoroughly coated with pure linseed oil before shipment.

The manufacturer shall furnish each and every part, piece, and member requisite to the entire completion of the work as shown or specified herewith including fitting-up bolts and field rivets (with 10 per cent excess for waste), and each such part or member shall be finished, complete, ready for assembling and erection in place. Erection and all field work will be done by this company.

The manufacturer will submit complete shop drawings to the company for approval before work is commenced in the shop.

Each leaf of this gate will be operated by a machine similar to that used in the Panama Canal locks.

The lock has a main gate and safety gate of the floating or disappearing type, and the gate of the dry dock is similar. They are designed to serve as a railway bridge also. This type applies particularly well to this situation as the upper sills are 20 odd feet above the river bottom.

SPECIFICATION FOR FLOATING GATES.

The work to be done under these specifications is the construction of three (3) floating gates and appurtenances, all exactly alike and interchangeable, finished complete, ready for erection, all as shown on the drawings enumerated on this sheet and consisting of the following: Three gates with guide runners, gears, shafts, buoyancy chambers, etc., and all fittings for same, except air piping, valves, and gauges, railroad track material and woodwork.

Three sets of reaction castings with bronze anchor bolts and all fittings.

Three sets of bed plates with bronze anchor bolts, to receive gates when open.

Three sets of guide castings with bronze anchor bolts and all fittings.

Three sets of gate latches or supports complete with bed plates, anchorages, connecting rods, air cylinders, etc.

Each gate consists of two vertical trusses 112′ 0″ long c. to c., spaced 15′ 0″, apart c. to c., and connected together in plane of top chords by a horizontal truss and in plane of bottom chords by lateral bracing; all in the form of a deck railroad bridge. The downstream truss is, in fact, a plate girder, and its web is heavily reinforced to sustain hydrostatic pressure, thus forming the waterproof barrier of the gate. The resulting pressure along top chord of this truss is sustained and carried to the lock walls by the horizontal truss at top of gate. The bottom chord and end frames of this girder are fitted with oak contacts which take bearing upon and transmit pressure to cast-iron sills bedded in the masonry sill and walls of the lock. These gates will also act as railroad bridges, for which purpose floor beams and stringers are provided as shown.

The floatation of each gate is by means of two displacement chambers of fixed volume, and one open bottom buoyancy chamber as shown. The volume

of displacement in buoyancy chamber will be under control of the operator's house, whereby each gate may be opened or closed (*i.e.*, lowered or raised) at will—compressed air will be conducted from the lock power-house through pipe galleries to proper points under each gate. The oak bearing along the bottom and ends of gate will not be in contact with masonry or reaction castings at any time, except when gate is in closed position. Each gate will be confined to position and transverse alignment by guide runners sliding in vertical cast-iron guides bedded in the lock walls at each end of the gate. These guides also form toothed racks which engage a spur wheel at each end of gate and as each spur wheel is keyed fast to a shaft which extends from end to end, the simultaneous movement of every part of the gate and its longitudinal alignment are assured. Each gate will be locked in closed position by the mechanism shown and each gate may be raised and floated out of its recess (to dry dock or to replace either of the other gates) without removing any part and without assistance other than tow lines and barges lashed alongside to prevent turning turtle.

Except as otherwise indicated all parts of the work will be of structural steel of a class known as railway bridge steel, except for rivets which will be of a class known as rivet steel. The quality of this material and workmanship on same shall be in accordance with standard specifications of American Steel Manufacturers, revised February 6, 1903.

Steel Castings.—The process of manufacturing may be selected by the builder, but material must not contain more than 0·06 per cent phosphorus or sulphur. Finished castings must be secured sound and free from sponginess, pittings, cracks and blow holes, and must be thoroughly annealed before finishing. Standard test pieces shall develop an ultimate strength of from 65,000 to 70,000 pounds per square inch, an elastic limit of not less than one-half the ultimate strength, an elongation of 18 to 20 per cent in 2 inches, and shall bend cold through 180° to a radius equal to thickness of test piece without fracture on outside of bent portion.

Workmanship must be of highest quality and precision to ensure accuracy of fit, alignment and dimension of the gate as a whole and its several parts and members. The whole work must be assembled in the shops during manufacture and each part fitted and marked with a steel stencil for identification on an erection drawing to be supplied by the builder. When so assembled (all field holes previously sub-punched) must be reamed parallel to a diameter 1/16 inch greater than the rivet to be used. Rivets will be 3/4 inch and 7/8 inch diameter. Abutting edges of plates forming water tight skin of gate and buoyancy chamber must be planed to fit and all joints between these plates will be provided with fitted buffstraps, bevel sheared for caulking throughout. All other joints in this water tight work must be fitted in a manner providing for caulking. Pitch line of rivets must not be more than 2 dias. from edge where caulking is required and such rivets shall be spaced about 7 1/2 inches diameter. Castings must be accurately machine finished as indicated with bolt holes reamed to match and provided with fitted bolts.

Machine finished surfaces must be coated with white lead and tallow and be otherwise fully protected against injury before shipment. Inaccessible surfaces shall be coated with red lead before assembling and riveting up in the shops, and all other parts of the work shall be thoroughly coated with pure linseed oil before shipment.

The manufacturer shall furnish each and every part, piece, and member requisite to the entire completion of the work as shown or specified herewith, including fitting-up bolts and field rivets (with 10 per cent excess for waste) and each such part or member shall be finished complete, ready for assembling and erection in place. Erection and all field work will be done by this company.

The manufacturer will submit complete shop drawings to this company for approval before work is commenced in the shop.

VALVES.

Besides the sluice gates of the main dam and the gates to close off the water from the intake to the turbines, there are several smaller openings to be closed. These are the filling and emptying valves of the lock and dry dock. There are four inlets and four outlets for the lock, each of which is a cylindrical valve 6·5 feet diameter. The inlet valves close the tops of vertical shafts leading to the large conduit in the eastern lock wall. This inlet is elevation 507, or 12 feet lower than the low water of the upper reach.

There is no curtain wall to seal the entry and create a draft tube action which would utilize the total head of 20 feet between the upper and lower reaches. Possibly one valve could have been made sufficient with this head, instead of four valves under only 12 feet head.

The outlet valves close vertical adjutages leading up from the main conduit, when opened the water spouts up and runs away from the back of the wall into the lower level. These valves are raised and lowered by a screw stem, but it is not clear how compressed air is applied to this work.

The other valves used are 6·5 feet diameter butterflies for filling and emptying the dry dock. These are of cast-iron covered with light steel plates to present a smooth surface to the passing water. They close vertical conduits, but do not come quite to the horizontal position, so that they close on a bevelled joint which forms a tight seal. They are operated by a vertical connecting rod which is pressed up or down by compressed air.

COMPRESSED AIR POWER.

Notwithstanding the immense amount of electric energy generated in the power-house close by, the lock is operated by compressed air obtained by two turbines belted to two compressors. The turbo-compressor sets are placed in the heavy wall joining the head of the lock with the power-house.

Presumably the air will be led into reciprocating engines, which will operate the cylinder valves and the lower gate opening machines. For the butterfly valves in the dry dock a single stroke of a cylinder secures direct operation. Air is particularly well adapted to the operation of the head gates by displacing the water in the buoyancy chamber.

It is interesting to compare the hydraulic cylinder method of operation at the Soo, Mich., with the electric operation at our Canadian Soo, and these again with the compressed air system at Keokuk.

OPERATION OF LOCK.

As stated, the valves are operated by compressed air, and the lower gates will be operated by the same power through a large horizontal wheel, to the rim of which the gate strut is attached.

To fill the lock the cylinder valves situated at the upper end of the river wall will be opened. The water will flow down a vertical shaft into the longitudinal wall culvert, the centre of which is about floor level. From this conduit eight 6-foot diameter pipe culverts extend out underneath the lock floor. The wall conduit is 13 feet diameter down to the first pipe, 12·5 feet to the second pipe, and diminished down to 6 feet at the last pipe. Each pipe under the floor has seven vertical adjutages up through the lock floor, the total number being fifty-six, and through these the water spouts to fill the lock.

To empty the lock, the cylindrical valves at the rear of the river wall are opened and the water flows down through the wall into the conduit and out through the valves to the lower reach.

DRY DOCK.

This is located alongside the lock and is 400 feet long by 110 feet wide at entry and a draught of at least 8 feet. The west wall of the lock forms one side of the dry dock, while a paved slope forms the other, the lower end is closed by a concrete wall reaching from the foot of the lock across to the shore. The upper end is closed by a single floating gate similar to that of the lock. The floor of the dry dock is elevation 511, but is not concreted, the rock filling from nearby excavation being considered quite sufficient.

The dry dock is emptied by gravity through butterfly valves and a dive culvert to the lower reach. Adjacent to the dry dock are the lock grounds with storehouses, saw-mill, and carpenter and machine shop, through which standard-gauge track connections are run to the nearby railway. There are nine tracks in all, three passing through the shops, two through the warehouses, and two leading close to the edge of dry dock. This track system is very desirable and worthy of close study.

ICE SKIMMERS.

Stretching from the upper end of the power-house to the shore across the head bay for 2,300 feet are a series of submerged arches to keep floating ice from entering. There are twenty-five piers in all, spaced 70 feet centre to centre, each opening spanned by concrete beams, 60 feet long, 8 feet wide and 15 feet deep, the bottom being under water. There is, however, a 300-foot gap to pass navigation, and this will be closed by a boom in winter-time. Across these piers and over the main dam, standard railway tracks will be laid, and a revenue obtained as a bridge across the Mississippi.

Owing to the great cost of a large cofferdam shutting off the river when the ice fender was to be built, it was decided to construct small caissons within which the concrete for each pier would be placed.

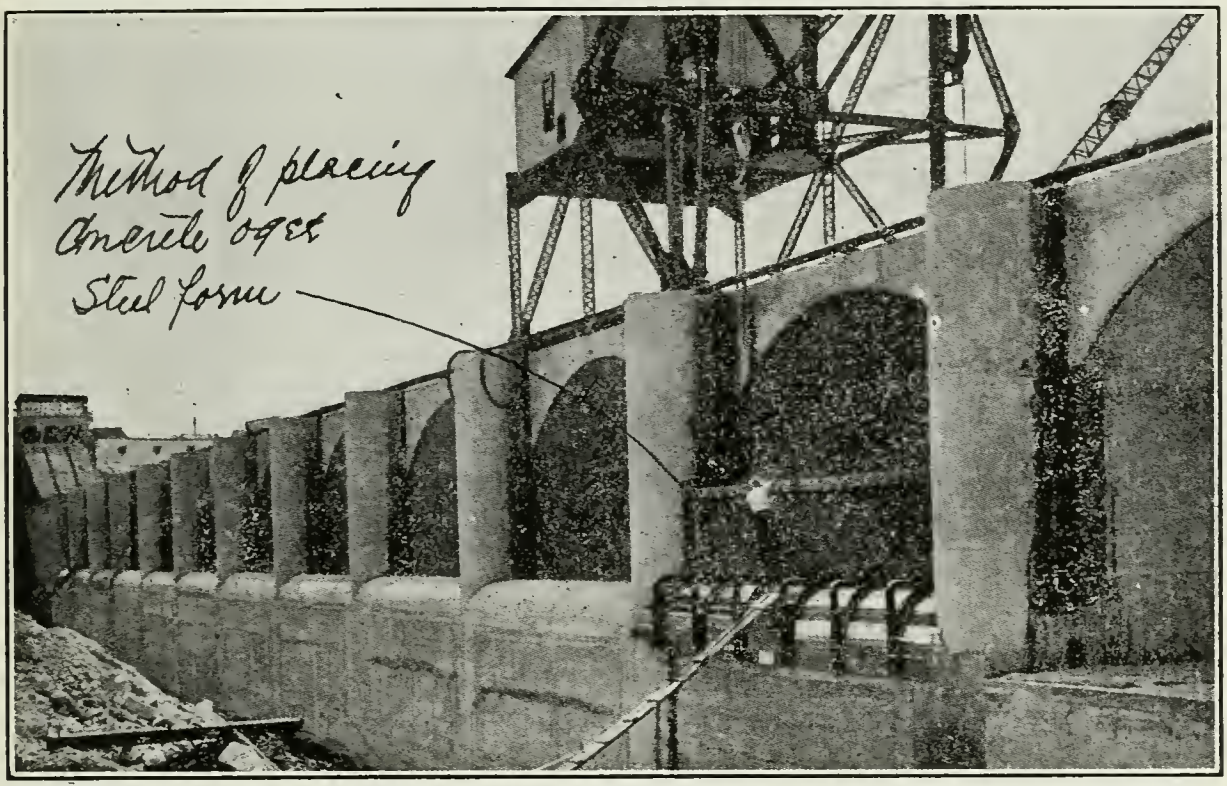
Each caisson consists of four oblong boxes which are water tight, and they are designed in such a manner as to permit their being locked together, when in place, and unlocked, when they are ready to be taken down and moved. The space between the oblong boxes of each caisson is the exact size of the pier, so that when the caisson is sunk into place by means of filling the boxes with water there is no additional form work necessary for placing the concrete. The caisson thus stills the water and the concrete is then mixed dry without any water being added to it, and placed by means of a sealed steel box with a bottom dump.

LABOUR.

The Americans are left to find their own quarters in Keokuk or Hamilton. The foreigners (mainly Italians and Austrians) are housed in bunk-houses, which are built by the company and let to the men for a small rental. The men provide their own food and cooking. Each bunk-house accomodates sixteen men, and is provided with running water and electric light. Watchmen are provided to keep order, and a doctor in Keokuk acts as the company's medical officer; he visits the work and the two camps, inspects the men and sees that proper sanitary conditions are maintained. He has an office on the work, with a man in charge who is kept advised of the doctor's movements, so that the latter can be called by telephone at any time. At each camp there is a room, with necessary instruments and appliances, for dressing wounds and attending to any emergencies. Swamp lands and waterholes near the work are sprinkled with oil to prevent trouble from flies and mosquitoes.

It is most desirable that inspectors holding St. Johns Ambulance certificate should be employed by the Provincial Governments to travel through camp districts, giving first aid and enforcing sanitary regulations.

One reason for the rapid and systematic progress of the work is the organization of the labour. One lot of men does nothing but place concrete, and consequently become very expert at this. On the form erection, certain men do the bolting and unbolting, others the placing of panels, etc. The working day is of ten hours; 7 a.m. to noon, and 1 to 6 p.m.



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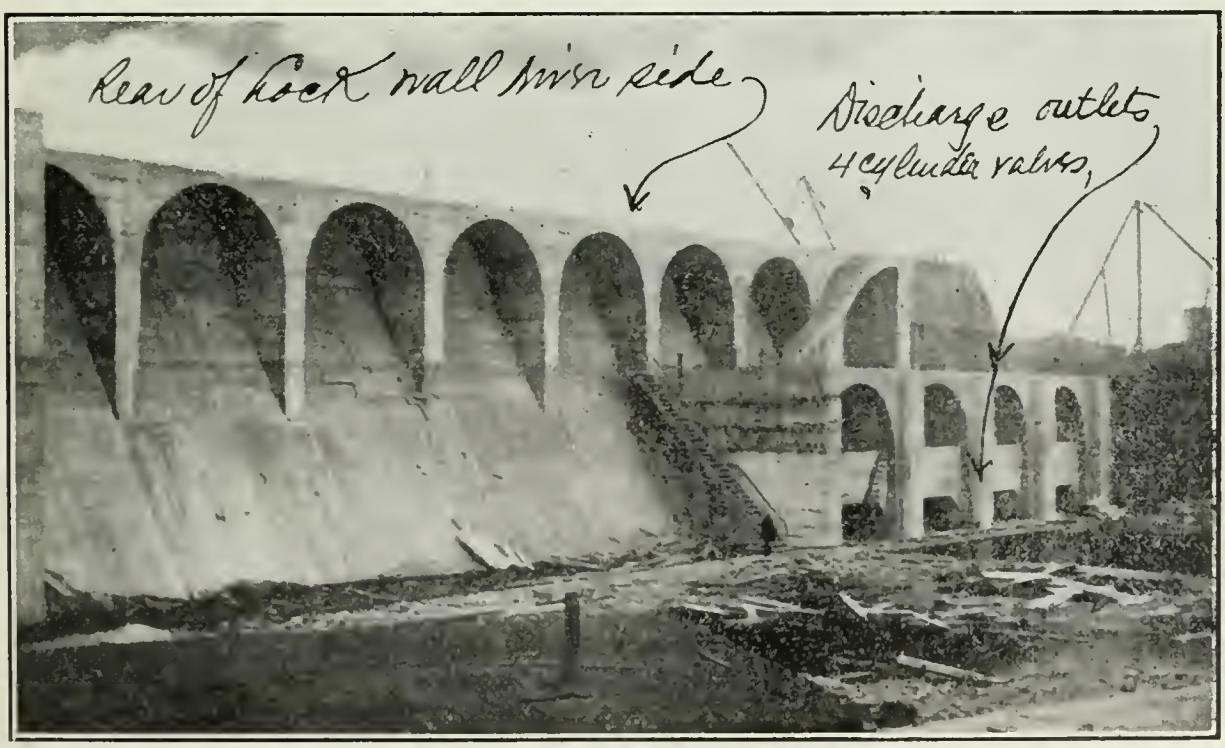

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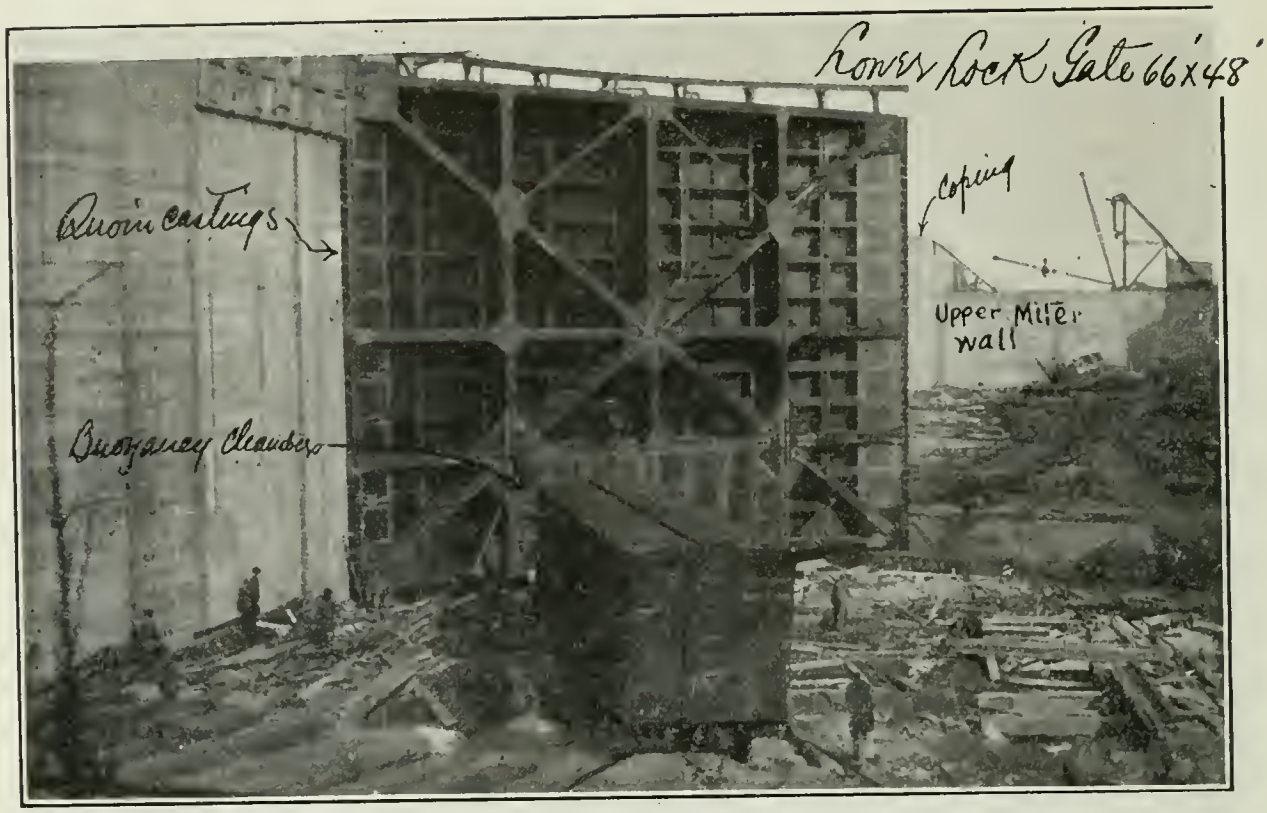
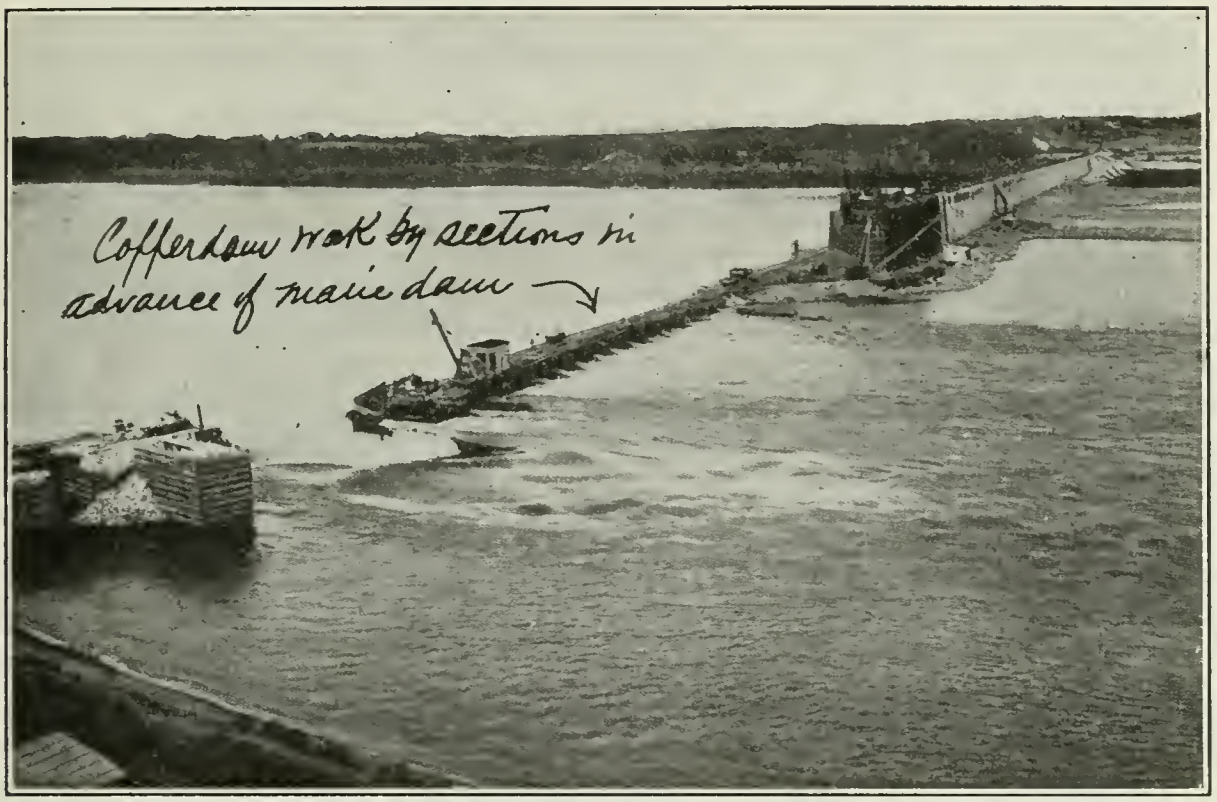
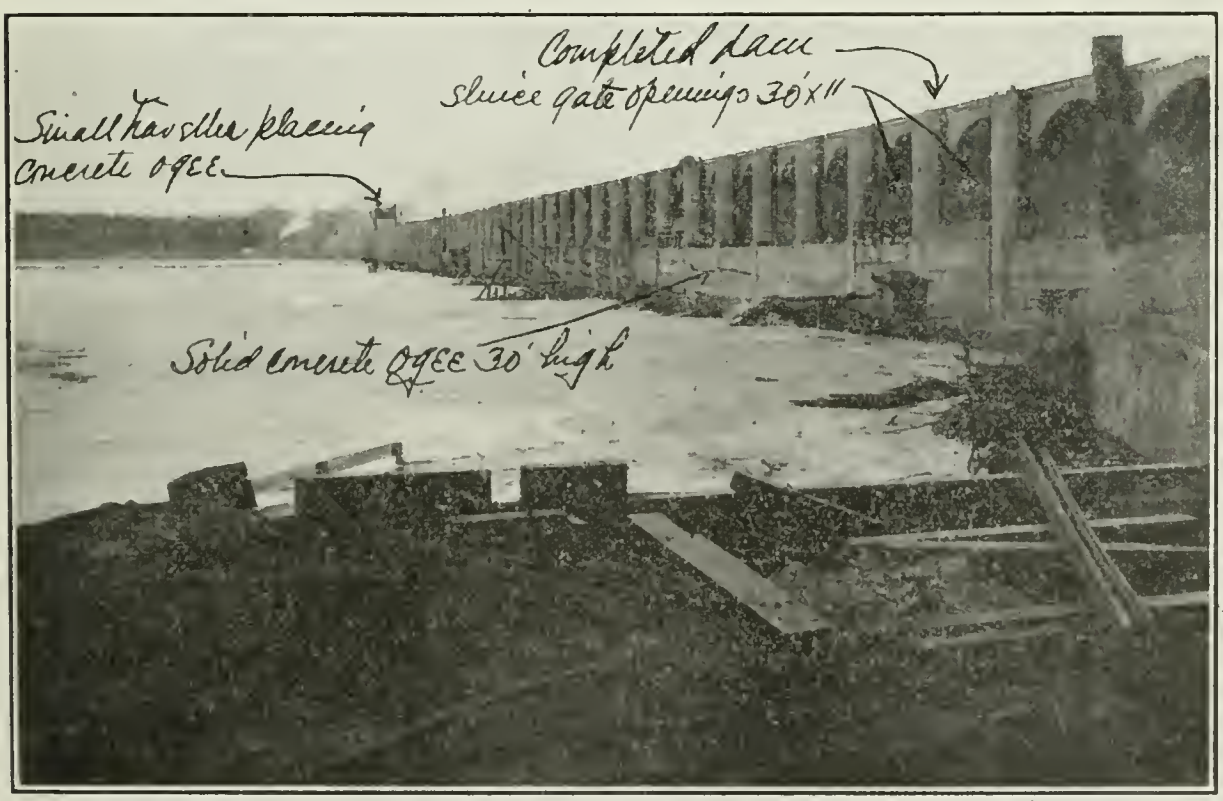


No. 19.—Mississippi River Power Development.

No. 20.—Mississippi River Power Dam, Keokuk, Iowa.



No. 21.—Mississippi River Power Development, Keokuk, Iowa.



No. 22.—Mississippi River Power Development.

HYDROLOGY OF OTTAWA RIVER, TRIBUTARIES, &c.

The hydrology of the river is constantly under study; Mr. S. B. Johnson, who is in charge of this work, submits a report which contains all results up to date.

The fundamental requirement in water flow investigation is the surface fluctuation of the river and tributaries under consideration. This is usually obtained by staff gauges securely set at selected points, and read daily by some one residing nearby. These results are very much dependent on the care and accuracy of the gauge readers, but to the credit of the district it must be said that negligence is comparatively rare. Natural conditions, however, affect all our gauges, for instance, the flood flow of the Gatineau ploughing squarely into the current of the Ottawa acts as a partial dam. This causes the gauge at the foot of the Rideau locks to show higher water than the actual flow of the river represents. However, constant measurements at all stages of the surface tend to reduce such local errors by actual weight of numbers in calculating the means of many meterings.

In summer-time, sawlogs float down the river in great numbers, indiscriminately, and form partial dams at shoals and rapids. For instance, a jam forms over night in the Deschenes rapids and the surface height of the lake above at Britannia rises, indicating an increased flow of water. The amount of water passing, however, has not altered, and if the log jam floats away during the following day conditions become normal again. The only safeguard against this condition is a great number of meterings.

In winter-time ice conditions also affect gauges; firstly, by freezing about them; and, secondly, masses of frazil ice block parts of the channel so that a higher surface is recorded while there is no increase in the flow.

Measurements of the flow are being carried on continually both during the summer and winter, but causes similar to those affecting the gauges give trouble. It is therefore necessary to change the metering sections from time to time, and also to examine the results carefully and check a great mass of figures.

When the river surface is covered with ice, the water encounters increased friction, and therefore winter meterings show a different relation to the surface heights.

The metering instruments are of delicate construction and, after a few days' use, each one is sent to Ottawa for rating. A fairly good rating station is now established at Dows lake on the Rideau canal, where the revolutions of the meter are tested while it is moved through still water at known speeds.

Precipitation records and temperatures are kept wherever men are employed throughout the watershed. In addition, the Meteorological Survey send us all their records, from which various tables are compiled, giving the relation of rainfall and temperature to run-off.

A series of temperature records of air and water has been kept for several years, which tends to show that the northern lakes keep well above freezing. This is probably due to the ground water of the swamps retaining its heat for considerable lengths of time. Notwithstanding this, however, the ice on these lakes always attains a fair thickness.

The most important records of the report are the surface elevations for as many years back as possible at various points along the river. These elevations have been corrected to correspond to the lines of precise levelling that the department has established. They are therefore a permanent record for purposes of navigation, for power projects, and for use in connection with claims. Some six hundred tables are embodied in the report, giving in most cases daily elevations which have been checked and re-checked.

In a few cases, such as Timiskaming reservoir, for instance, the gauge at the outlet shows a higher surface than the gauge at the head. These cases have been closely examined and seem due to wind pile, and perhaps to waves of flow caused by opening and closing of sluice-ways.

DEPARTMENT OF PUBLIC WORKS, CANADA.

OTTAWA RIVER STORAGE,

C. R. COUTLEE, Esq., OTTAWA, ONT., July 31, 1915.
Engineer in Charge,
Ottawa River Storage.

SIR,—In the following report dealing with the flow of the Ottawa and St. Lawrence rivers and their tributaries for the three years ending the 1st of April, 1915, a résumé is given of all the observations thus far collected by this branch of the service. In addition, some of the records published in previous reports have been revised and are included in their new form. These revisions were made possible by the results derived from more extended surveys and in some cases by improved field equipment and methods. It may therefore be expected that each succeeding year will throw still more light on data gathered in the past, and thus make further revisions necessary.

Commencing from Quinze lake and working downwards, an outline of the observations made and resultant tables are submitted as follows:—

QUINZE LAKE AND RIVER.

Location of gauges.—Gauge No. 1, at Klock's depot, about 3 miles north of the outlet of the lake. Gauge No. 2, at the head of Quinze river on the north shore of the lake, and consisting of two staff gauges, one for high water and one for low water, on separate piers. Gauge No. 3, immediately above the dam on a pier on the south shore. Gauge No. 4, at the foot of Maple rapids, on a pier on the north side of the river.

Records available.—Gauge No. 1, 3rd June, 1909, to 31st December, 1914; discontinued and replaced by gauge No. 2. Gauge No. 2, 1st November, 1914, to date. Gauge No. 3, 22nd April, 1914, to date. Gauge No. 4, 1st May, 1911, to date.

Drainage area.—9,700 square miles.

Discharge measurements.—Meterings are now made at a section about one-half mile above Devil's chute and 5 miles from North Timiskaming. Previous to the construction of the dam at Timiskaming, meterings were taken just above the village of North Timiskaming at the island. This station had, however, to be abandoned owing to the slack water caused by the dam at the foot of the lake. The new section above Devil's chute has proved itself to be far superior to the two channels at North Timiskaming. The mean velocity varies between 1.2 feet per second for low water and 3.5 feet per second for a flow of 40,000 c.f.s.

Discharge curve.—Well defined between elevation 816 and 825 on gauge No. 4, or between flows of 1,800 and 25,000 second-feet. The records are excellent between these stages, but further meterings are necessary before the curve can be extended upward.

Winter flow.—The relation between gauge heights below the Maples, and discharge, has not been found to be affected by ice.

Precipitation and temperature records.—Temperature observations (both atmospheric and water) started on the 14th January, 1911. Precipitation measurements started 1st April, 1911. These observations have been continued to date.

Discharge Measurements of Quinze River near North Timiskaming.

Date.	Made by	Water elevation on Quinze Lake.	Water elevation below Maple Rapids.	Discharge in Sec. ft.
1908				
Nov. 2	J. B. McRae	.....	.....	2,640
1909				
June 14	S. B. Johnson	857·0	.....	57,170
Sept. 1	"	853·7	.....	14,460
Dec. 18	"	853·5	.....	10,220
1910.				
Mar. 5	"	852·1	.....	4,790
May 17	"	855·6	.....	24,980
" 18	"	855·5	.....	24,800
June 28	"	854·2	.....	14,130
1911				
Mar. 16	"	851·8	.....	3,290
1912.				
Nov. 20	W. E. Blue	853·8	820·61	11,070
1913.				
Feb. 10	A. M. Kirkpatrick	852·7	818·31	4,370
May 5-6	A. A. Anderson	857·0	827·82	39,390
June 11	"	855·6	824·	23,800
" 19	"	854·8	823·08	18,670
" 23	"	854·6	822·41	14,740
" 27	"	854·3	821·71	13,450
July 1	"	854·0	820·93	11,289
Oct. 27	Bruce Ross	853·9	820·98	12,100
" 29	"	854·1	821·28	12,840
Nov. 5	"	854·1	821·28	12,600
" 6	"	854·1	821·28	12,110
" 11	"	.....	821·63	14,170
" 12	"	.....	821·75	14,000
" 13	"	.....	821·78	14,220
" 18	"	854·7	821·83	14,450
" 19	"	854·7	821·98	14,700
" 20	"	854·6	821·83	14,540
Dec. 9	"	855·0	822·63	18,260
" 11	"	855·0	822·63	17,250
" 19	"	854·7	821·78	14,770
" 20	"	854·6	821·73	14,270
1914.				
Jan. 8	"	853·9	820·15	9,390
" 9	"	853·8	820·08	9,320
" 14	I. A. Beauchemin	853·7	819·78	8,830
" 15	"	853·7	819·73	8,460
" 16	"	853·6	819·63	8,610
" 17	"	853·6	819·58	8,240
" 19	"	853·6	819·48	7,460
" 20	"	853·6	819·49	7,990
" 21	"	853·6	819·33	7,330
" 22	"	853·5	819·33	7,480
" 23	"	853·5	819·28	7,220
" 24	"	853·4	819·23	7,280
" 26	"	853·4	819·10	6,810
" 27	"	853·3	819·10	7,220
" 28	Bruce Ross	853·3	819·03	6,920
" 30	"	853·3	818·95	6,750
" 31	"	853·3	818·93	6,300
Feb. 2	"	853·3	818·91	6,330
" 3	"	853·3	818·88	6,210
" 4	"	853·2	818·88	6,310
" 5	"	853·2	818·83	5,940
" 6	"	853·2	818·80	6,300
" 7	"	853·2	818·83	5,790
" 9	"	853·2	818·75	6,260
" 13	J. A. Beauchemin	853·2	818·55	5,560
" 14	"	853·2	818·53	5,700
" 16	"	853·1	818·48	5,230
" 17	"	853·1	818·38	4,920
" 18	"	853·1	818·34	4,930
" 19	"	853·1	818·28	4,790
" 20	"	853·1	818·27	5,160
" 21	"	853·1	818·23	4,900
" 24	Bruce Ross	853·1	818·08	4,690
" 25	J. A. Beauchemin	853·1	818·08	4,590
" 26	Bruce Ross	853·1	818·03	4,780
" 27	J. A. Beauchemin	853·1	818·03	4,430

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Discharge Measurements of Quinze River near North Timiskaming.

Date.	Made by	Water elevation on Quinze Lake.	Water elevation below Maple Rapids.	Discharge in Sec.-ft.
1914.				
Feb. 28	Bruce Ross	853·0	818·03	4,530
Mar. 2	"	853·0	817·93	3,830
" 3	J. A. Beauchemin	853·0	817·93	4,230
" 4	F. J. Carre	853·0	817·93	4,180
" 5	"	852·9	817·93	4,230
" 6	"	852·9	817·93	4,010
" 7	"	852·9	817·93	4,070
" 9	"	852·8	817·88	3,880
" 10	"	852·8	817·78	3,950
" 11	"	852·8	817·76	3,730
" 12	"	852·8	817·73	3,720
" 13	"	852·8	817·73	3,910
" 14	"	852·8	817·68	3,790
" 16	J. A. Beauchemin	852·8	817·68	3 750
" 17–18	"	852·8	817·63	3,990
" 19	"	852·8	817·63	3,770
" 20	"	852·7	817·63	4,020
" 21	"	852·7	817·58	3,860
" 23	"	852·7	817·58	3,750
" 24	"	852·7	817·58	3,660
" 25	"	852·7	817·58	3,820
" 26	"	852·7	817·53	3,760
" 27	"	852·7	817·48	3,720
" 28	"	852·7	817·48	3,640
" 30	"	852·7	817·48	3,640
" 31	"	852·7	817·48	3,740
April 1	"	852·6	817·48	3,810
May 7	"	854·8	823·35	20,410
" 8	"	855·2	823·88	22,100
" 9	"	855·4	824·21	23,040
" 11	"	856·1	824·55	25,340
" 12	"	856·7	824·63	24,990
" 13	"	856·7	824·63	24,840
" 14	"	856·7	824·60	25,300
" 15	"	856·6	824·58	24,830
" 16	"	856·6	824·45	24,680
" 21	"	856·3	823·96	22,190
" 22	"	856·2	823·93	22,380
" 25	"	856·2	823·83	22,080
" 27	"	856·1	823·88	20,570
" 28	"	856·1	823·96	21,800
" 29	"	856·2	823·83	21,570
" 30	"	856·2	823·68	20,780
June 2	"	856·3	823·18	19,390
" 5	F. J. Carre	856·4	823·28	19,170
" 6	"	856·4	823·23	18,840
" 8	"	856·3	823·13	19,110
" 10	"	856·3	822·78	17,510
" 11	"	856·2	822·78	17,710
" 12	"	856·2	822·73	17,030
" 13	"	856·2	822·68	16,540
" 15	"	856 0	822·48	16,090
" 16	"	855·9	822·30	15,160
" 17	"	855·7	822·28	15,510
" 18	"	855·6	822·13	15,220
" 20	"	855·4	822·00	14,530
" 22	"	855·4	821·88	14,250
" 23	"	855·2	821·83	14,300
" 24	"	855·2	821·68	14,330
" 25	"	855·0	821·58	13,390
" 26	"	855·0	821·43	13,060
" 27	"	854·9	821·40	13,030
" 29	"	854·8	821,13	12,120
" 30	"	854·6	820·93	11,570
July 1	"	854·5	820·86	11,230
" 2	"	854·4	820·63	10,960
" 3	"	854·4	820·53	10,610
" 4	"	854·3	820·38	10,290
" 6	"	854·2	820·28	10,100
" 7	"	854·2	820·25	9,700
" 8	"	854·1	820·18	9,180
" 9	"	854·1	820·18	9,240
" 10	"	854·1	820·03	9,350
" 11	"	854·0	819·93	8,730
" 13	"	853·9	819·70	8,400
" 14	"	853·8	819·65	7,830
" 15	"	853·8	819·53	7,760
" 18	"	853·6	819·10	6,660
" 20	"	853·5	818·95	6,710
" 21	"	853·5	818·93	6,430
" 22	"	853·5	818·75	6,120

Discharge Measurements of Quinze River near North Timiskaming.

Date.	Made by.	Water elevation on Quinze Lake.	Water elevation below Maple Rapids	Discharge in Sec. ft.
1914				
July 23	E. J. Carre	853·5	818·83	6,290
" 24	"	853·5	818·80	6,100
" 25	"	853·4	818·73	5,950
" 27	"	853·4	818·60	5,750
" 28	"	853·4	818·50	5,760
" 29	"	853·3	818·43	5,460
" 30	"	853·3	818·32	5,240
" 31	"	853·2	818·23	4,890
Aug. 1	"	853·2	818·15	4,680
" 3	"	853·1	818·11	4,500
" 4	"	853·0	818·00	4,440
" 5	"	853·0	817·93	4,430
" 7	"	852·9	817·70	4,030
" 8	"	852·8	817·68	4,040
" 11	"	852·7	817·63	3,860
" 12	"	852·7	817·61	3,810
" 13	"	852·6	817·58	3,740
" 14	"	852·6	817·58	3,660
" 17	"	852·6	817·48	3,300
" 18	"	852·5	817·48	3,380
" 28	"	852·4	817·17	2,920
" 29	"	852·4	817·18	3,120
" 31	"	852·4	817·03	2,810
Sept. 1	"	852·4	817·08	2,770
" 5	"	852·4	816·98	2,660
" 8	"	852·3	816·97	2,800
" 9	"	852·3	816·94	2 540
" 10	"	852·3	816·93	2,500
" 11	"	852·2	816·93	2,450
" 12	"	852·2	816·90	2,490
" 15	"	852·1	816·81	2,440
" 16	"	852·1	816·78	2,270
" 17	"	852·1	816·76	2,230
" 18	"	852·1	816·78	2,140
" 21	Thos. Curtis	852·0	816·63	2,140
" 24	"	851·9	816·58	2,160
" 28	"	851·9	816·58	1,870
Oct. 1	"	851·9	816·58	1,930
" 2	"	851·8	816·58	1,990
" 3	"	851·8	816·50	1,950
" 5	"	851·8	816·51	2,000
" 7	"	851·8	816·46	1,950
" 8	"	851·8	816·43	1,990
" 12	"	851·8	816·43	1,990
" 13	"	851·9	816·53	1,990
" 14	"	851·9	816·58	2,180
" 15	"	851·9	816·53	2,050
" 17	"	851·9	816·58	2,040
" 19	"	851·9	816·63	2,110
" 20	"	851·9	816·63	2,130
" 21	"	851·9	816·63	2,210
" 22	"	851·9	816·63	2,090
" 27	"	851·9	816·58	2,210

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Monthly Discharge of Quinze River near North Timiskaming for 1909–12.

[Drainage area, 9,700 square miles.]

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per mile.	Depth in inches on Drainage area.	Depth in Per cent of rainfall.		
1909–10.								
April	14,500	4,800	7,500	0·773	0·863	31	32·7	2·82
May	78,000	14,500	42,000	4·330	4·992	176	47·5	2·84
June	77,000	32,000	52,500	5·412	6·240	353	61·5	1·77
July	32,000	16,500	22,000	2·268	2·531	52	64·8	4·89
August	16,000	13,200	15,000	1·546	1·783	105	65·4	1·70
September	14,000	11,500	13,500	1·392	1·553	38	53·6	4·05
October	14,500	12,000	13,500	1·392	1·605	69	42·3	2·31
November	14,500	12,000	13,000	1·340	1·495	83	33·1	1·81
December	12,000	10,000	11,300	1·165	1·343	53	18·0	2·55
January	10,000	7,200	9,000	0·825	0·951	49	11·3	1·96
February	7,200	5,000	6,000	0·619	0·645	40	7·7	1·60
March	6,000	4,600	5,000	0·515	0·594	76	20·3	0·78
The year	78,000	4,600	17,442	1·798	24·595	85	38·2	29·08
1910–11.								
April	31,600	6,000	21,000	2·165	2·416	103	42·1	2·34
May	31,600	24,500	27,000	2·784	3·210	85	49·1	3·77
June	25,500	14,800	20,500	2·113	2·436	126	64·1	1·93
July	14,800	9,000	11,200	1·155	1·290	41	66·6	3·17
August	11,000	8,200	9,000	0·928	1·070	37	62·6	2·91
September	11,800	9,500	10,400	1·072	1·196	58	53·1	2·07
October	21,100	10,800	17,200	1·773	2·044	61	44·2	3·36
November	18,200	13,600	16,300	1·670	1·864	82	27·5	2·26
December	13,600	10,000	11,400	1·175	1·355	88	9·3	1·54
January	10,800	6,300	8,300	0·856	0·987	82	4·3	1·20
February	6,300	4,100	5,200	0·536	0·558	21	10·0	2·61
March	4,500	2,800	3,700	0·381	0·442	35	21·8	1·28
The year	31,600	2,800	13,433	1·385	18·869	66	37·9	28·44
1911–12.								
April	26,000	2,500	6,800	0·701	0·782	72	38·1	1·09
May	46,800	26,000	44,600	4·598	5·300	264	57·3	2·01
June	42,500	15,800	16,000	1·649	1·901	50	63·4	3·79
July	15,800	9,400	12,000	1·237	1·380	45	67·7	3·08
August	10,000	7,400	8,800	907	1·015	26	64·4	3·98
September	7,400	6,000	6,800	701	0·782	33	53·3	2·37
October	9,200	4,000	5,900	608	0·701	20	41·6	3·54
November	14,000	9,200	12,000	1·237	1·380	30	26·0	4·64
December	14,000	11,600	12,600	1·299	1·498	55	24·6	2·73
January	12,600	8,000	9,900	1·021	1·177	59	−4·8	1·98
February	8,000	5,900	7,000	0·722	0·832	39	7·4	2·14
March	5,900	3,100	4,600	0·474	0·547	91	14·4	0·58
The year	46,800	2,500	12,250	1·263	17·30	54	37·8	31·93

Note.—Precipitation and Temperature from observations at Haileybury.

Monthly Discharge of Quinze River near North Timiskaming for 1912–15.

Month.	Discharge in Second-Feet.				Run-Off.		Temperatures.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of rainfall.		
1912–13								
April	21,300	3,100	7,348	0·758	0·846	77	34·3	1·10
May	56,600	23,000	38,631	3·983	4·592	97	51·5	4·71
June	56,600	29,650	41,636	4·292	4·790	168	58·8	2·85
July	29,075	15,450	21,497	2·206	2·544	61	64·4	4·17
August	14,825	9,600	11,584	1·174	1·354	29	57·2	4·62
September	12,325	8,850	10,259	1·058	1·181	30	55·3	3·99
October	15,100	12,325	13,051	1·345	1·551	42	43·8	3·67
November	16,750	12,600	14,476	1·492	1·665	88	29·8	1·90
December	13,080	9,960	11,660	1·202	1·386	46	20·2	3·01
January	9,960	7,350	8,315	0·857	0·988	37	16·6	2·65
February	7,350	7,100	7,254	0·748	0·779	48	6·3	1·61
March	7,100	4,600	6,131	0·632	0·729	58	24·5	1·26
The year	56,600	3,100	16,015	1·65	22·405	65	38·6	35·54
1913–14.								
April	38,199	4,460	12,762	1·316	1·469	54	41·4	2·72
May	39,695	27,096	35,315	3·641	4·198	30	45·8	1·42
June	27,440	12,400	20,187	2·081	2·322	121	62·0	1·92
July	11,800	8,250	9,154	0·944	1·088	28	67·3	3·93
August	8,250	5,200	6,408	0·661	0·762	20	66·8	3·84
September	6,987	5,269	5,921	0·610	0·681	41	60·2	1·68
October	13,000	6,415	8,333	0·859	0·990	22	46·6	4·51
November	18,705	11,800	14,654	1·511	1·686	53	35·5	3·19
December	18,335	11,080	15,034	1·550	1·787	118	23·6	1·51
January	10,900	6,465	8,346	0·860	0·991	58	12·8	1·70
February	6,589	4,500	5,495	0·566	0·589	25	5·5	2·31
March	4,400	3,400	3,841	0·396	0·457	33	24·0	1·40
The year	39,695	3,400	12,161	1·25	17,029	57	41·0	30·13
1914–15.								
April	8,650	3,311	4,033	0·416	0·464	21	37·4	2·23
May	25,209	9,632	21,085	2·173	2·505	29	56·4	0·86
June	20,020	11,557	16,305	1·681	1·876	90	57·8	2·08
July	11,365	4,922	7,688	0·793	0·914	39	64·9	2·37
August	4,990	2,801	3,683	0·380	0·438	21	61·7	2·13
September	2,937	2,162	2,504	0·258	0·288	06	55·0	4·56
October	2,475	2,037	2,222	0·229	0·264	09	44·3	3·02
November	4,161	2,350	3,314	0·342	0·382	11	24·2	3·33
December	4,594	4,110	4,478	0·462	0·533	31	10·0	1·70
January	4,470	3,872	4,210	0·434	0·509	26	13·1	1·92
February	3,838	3,158	3,500	0·361	0·376	31	16·2	1·20
March	3,158	2,488	2,764	0·285	0·329	55	23·7	0·60
The year	25,209	2,037	6,336	0·651	8·869	34	38·8	26·00

Note.—Precipitation observations taken at Quinze dam.

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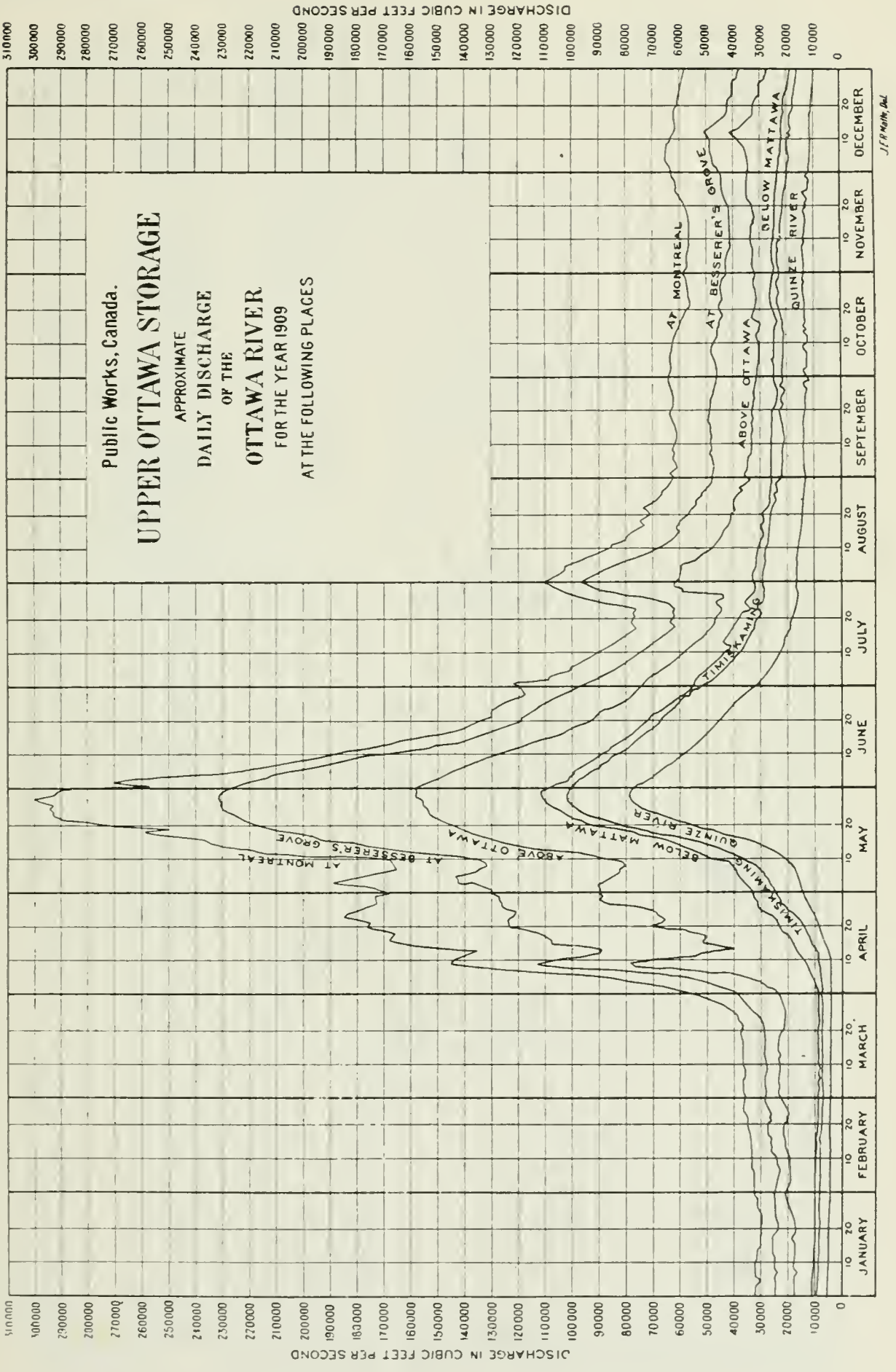
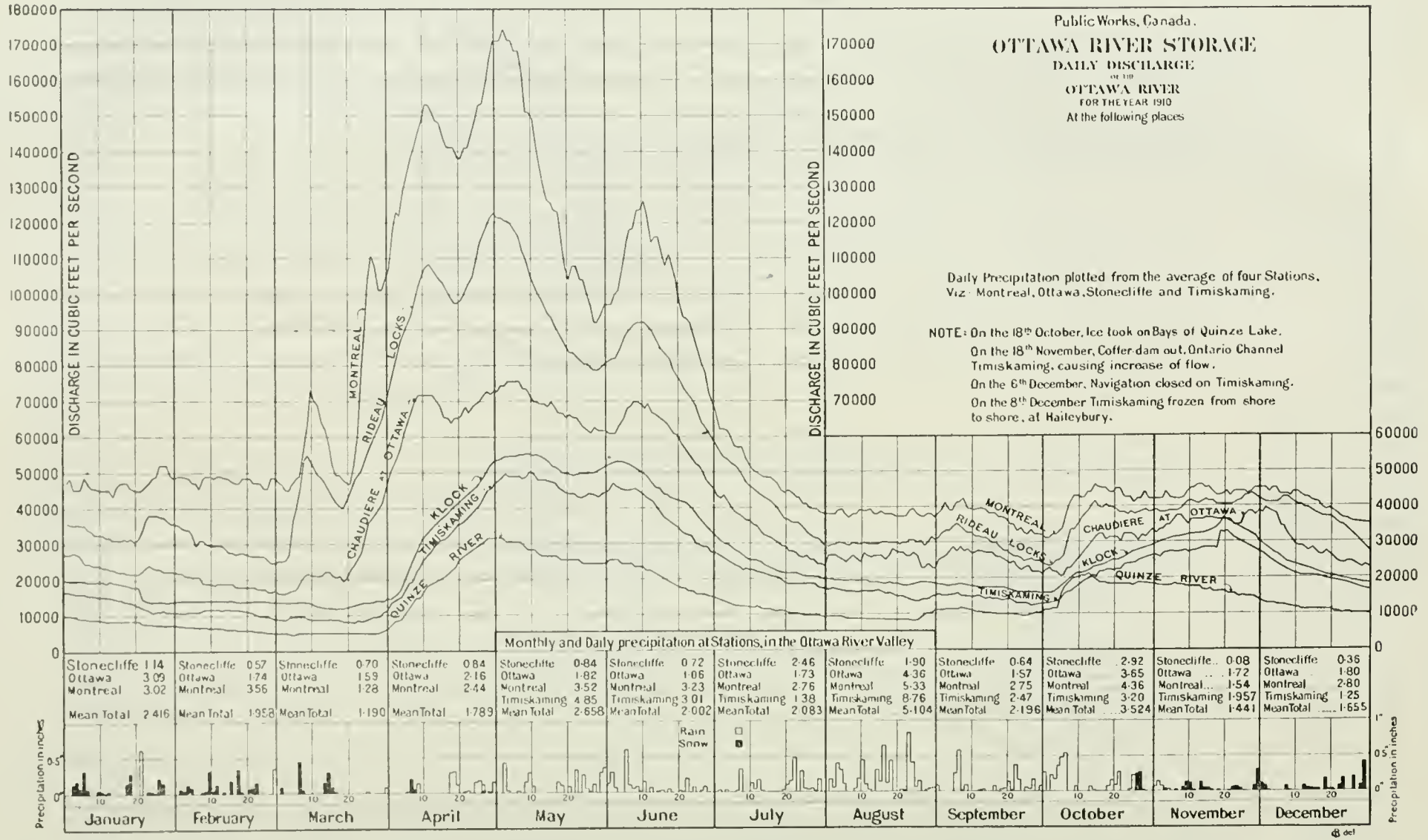
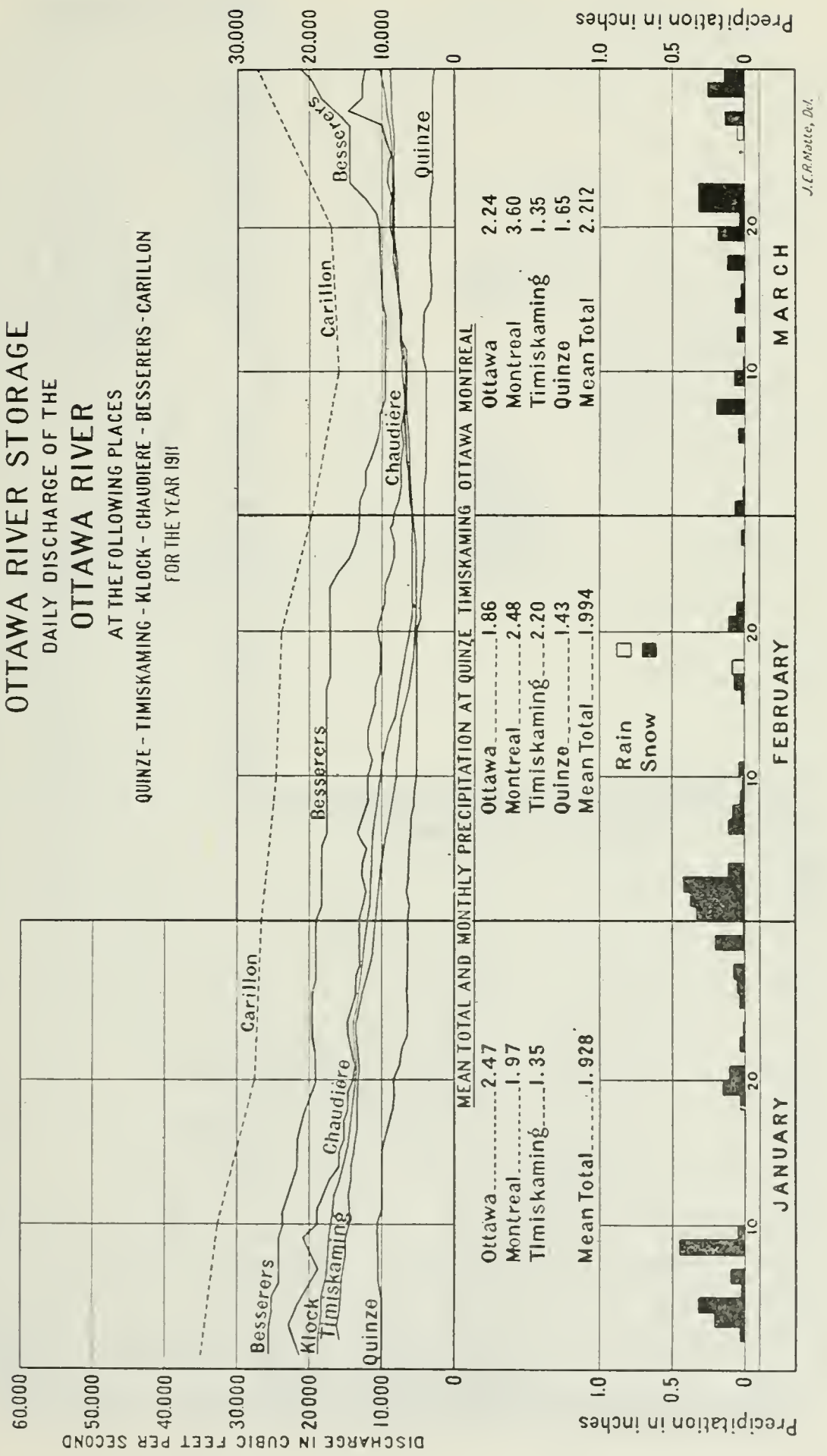
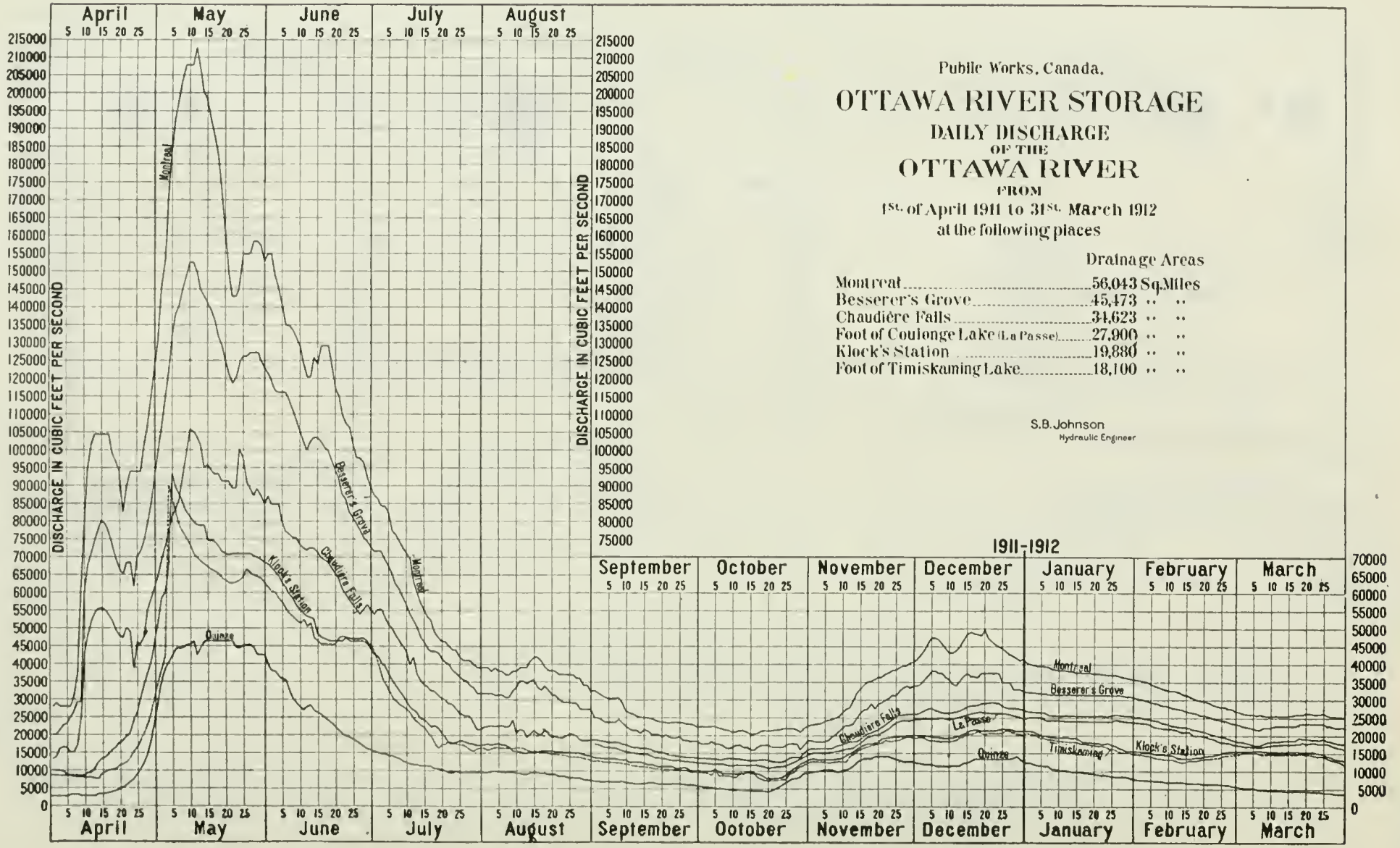
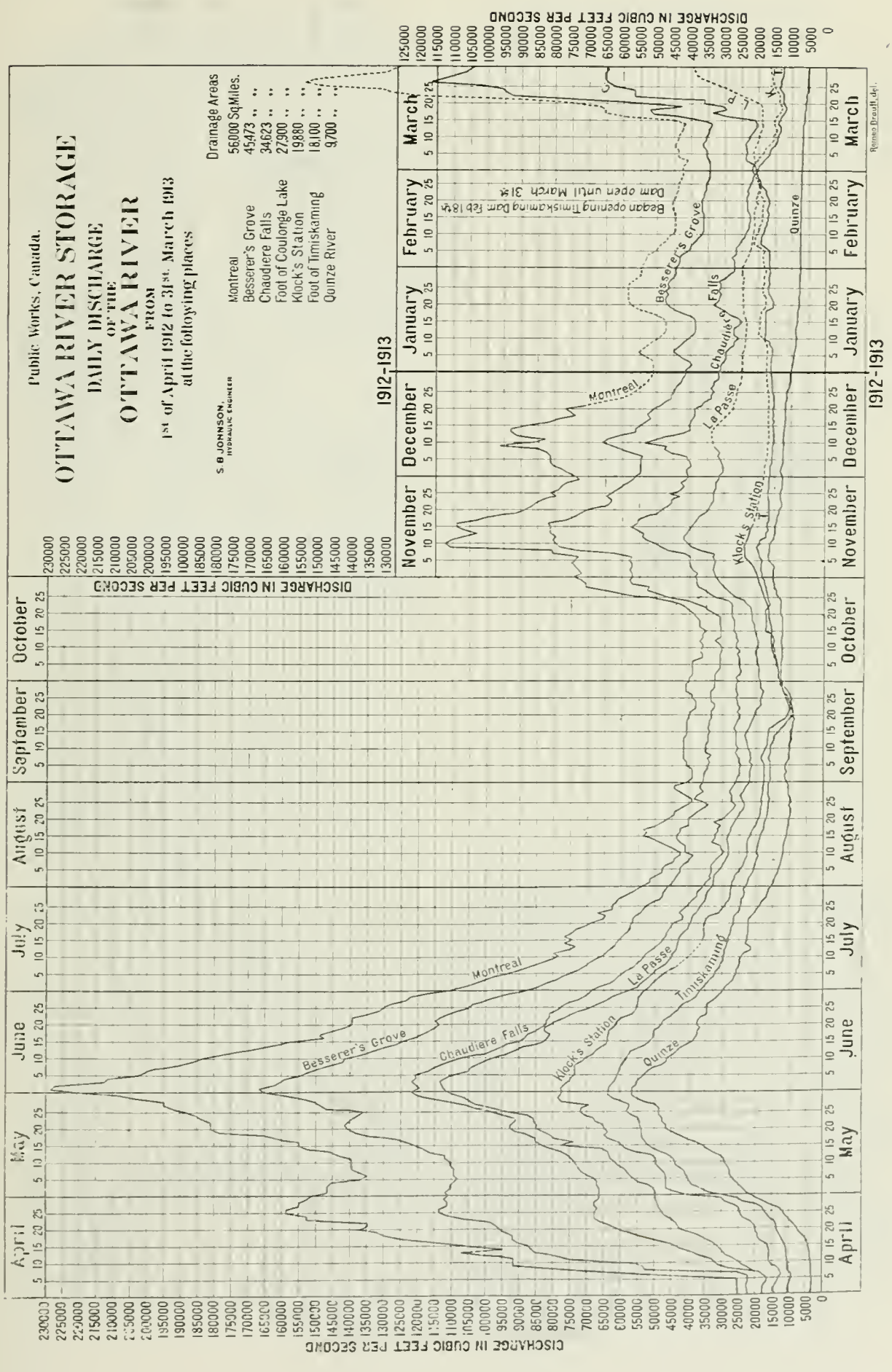


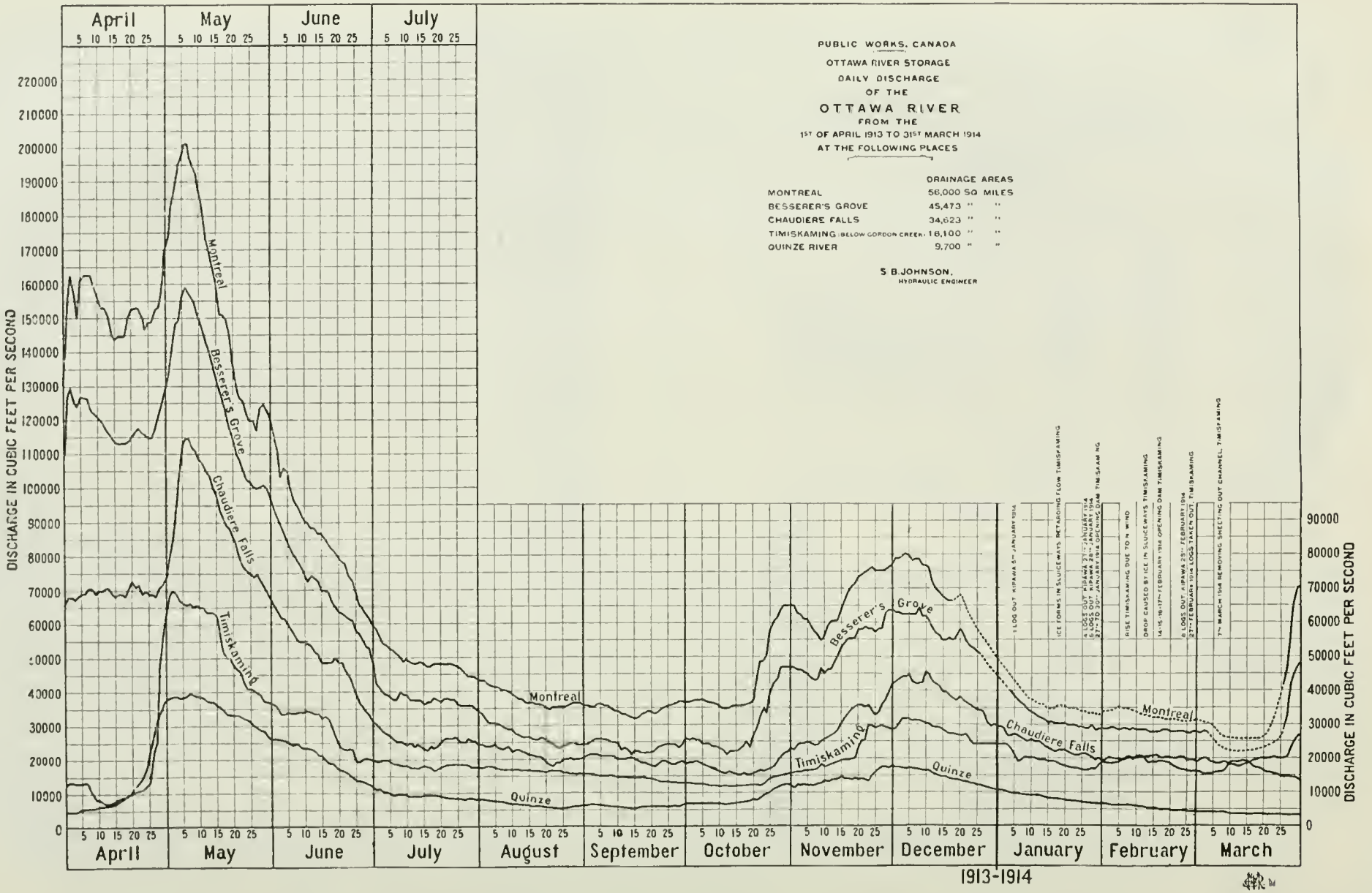

Public Works, Canada.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
OTTAWA RIVER
FOR THE YEAR 1910
At the following places
DISCHARGE IN CUBIC FEET PER SECOND
MONTREAL
RIDEAU
LOCKS
CHAUDIERE AT OTTAWA
KLOCK
TIMISKAMING
QUINZE RIVER
Daily Precipitation plotted from the average of four Stations, Viz: Montreal, Ottawa, Stonecliffe and Timiskaming.
NOTE: On the 18th October, Ice took on Bays of Quinze Lake.
On the 18th November, Coffer-dam out, Ontario Channel Timiskaming, causing increase of flow.
On the 6th December, Navigation closed on Timiskaming.
On the 8th December Timiskaming frozen from shore to shore, at Haileybury.
Monthly and Daily precipitation at Stations, in the Ottawa River Valley
Precipitation in inches
Rain
Snow
January
February
March
April
May
June
July
August
September
October
November
December


PUBLIC WORKS, CANADA.
OTTAWA RIVER STORAGE
DAILY DISCHARGE OF THE
OTTAWA RIVER
AT THE FOLLOWING PLACES
QUINZE - TIMISKAMING - KLOCK - CHAUDIERE - BESSERERS - CARILLON
FOR THE YEAR 1911
DISCHARGE IN CUBIC FEET PER SECOND
60.000
50.000
40.000
30.000
20000
10.000
0
Carillon
Besserers
Klock
Timiskaming
Chaudière
Quinze
MEAN TOTAL AND MONTHLY PRECIPITATION AT QUINZE TIMISKAMING OTTAWA MONTREAL
Ottawa 2.47
Montreal 1.97
Timiskaming 1.35
Mean Total 1.928
Ottawa 1.86
Montreal 2.48
Timiskaming 2.20
Quinze 1.43
Mean Total 1.994
Ottawa 2.24
Montreal 3.60
Timiskaming 1.35
Quinze 1.65
Mean Total 2.212
Rain
Snow
Precipitation in inches
1.0
0.5
0
10
20
JANUARY
FEBRUARY
MARCH
J.E.R.Motte, Del.


Public Works, Canada.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
OTTAWA RIVER
FROM
1st. of April 1911 to 31st. March 1912
at the following places
Drainage Areas
Montreal ..... 56,043 Sq. Miles
Besserer's Grove ..... 45,473 " "
Chaudière Falls ..... 34,623 " "
Foot of Coulonge Lake (La Passe) ..... 27,900 " "
Klock's Station ..... 19,880 " "
Foot of Timiskaming Lake ..... 18,100 " "
S.B. Johnson
Hydraulic Engineer
1911-1912
DISCHARGE IN CUBIC FEET PER SECOND
April
May
June
July
August
September
October
November
December
January
February
March
Montreal
Besserer's Grove
Chaudière Falls
Klock's Station
Quinze
La Passe
Timiskaming

SESSIONAL PAPER No. 19a




PUBLIC WORKS, CANADA
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
OTTAWA RIVER
FROM THE
1ST OF APRIL 1913 TO 31ST MARCH 1914
AT THE FOLLOWING PLACES
DRAINAGE AREAS
MONTREAL 56,000 SQ MILES
BESSERER'S GROVE 45,473 " "
CHAUDIERE FALLS 34,623 " "
TIMISKAMING (BELOW GORDON CREEK) 18,100 " "
QUINZE RIVER 9,700 " "
S B JOHNSON,
HYDRAULIC ENGINEER
DISCHARGE IN CUBIC FEET PER SECOND
Montreal
Besserer's Grove
Chaudiere Falls
Timiskaming
Quinze
April May June July August September October November December January February March
1913-1914

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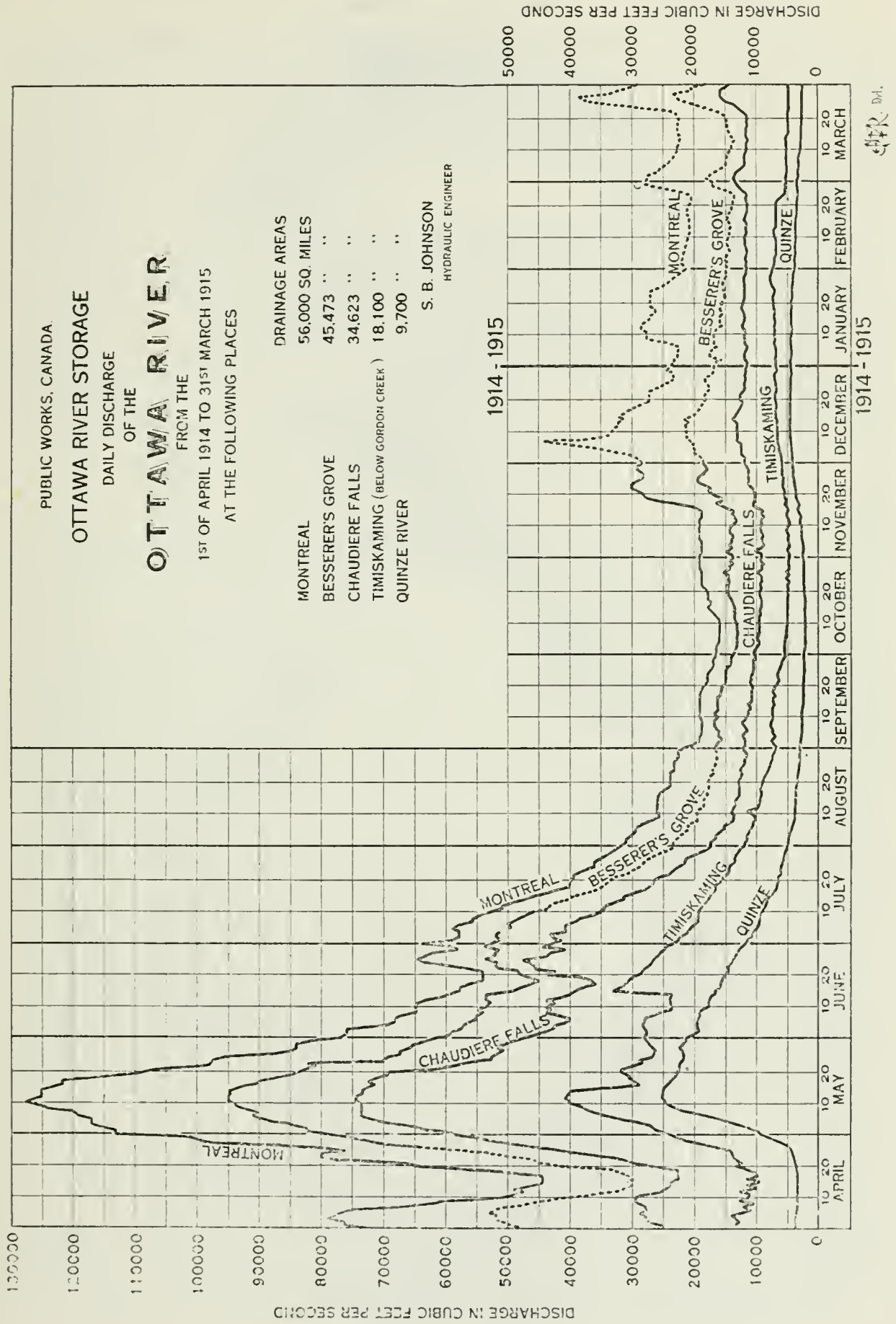
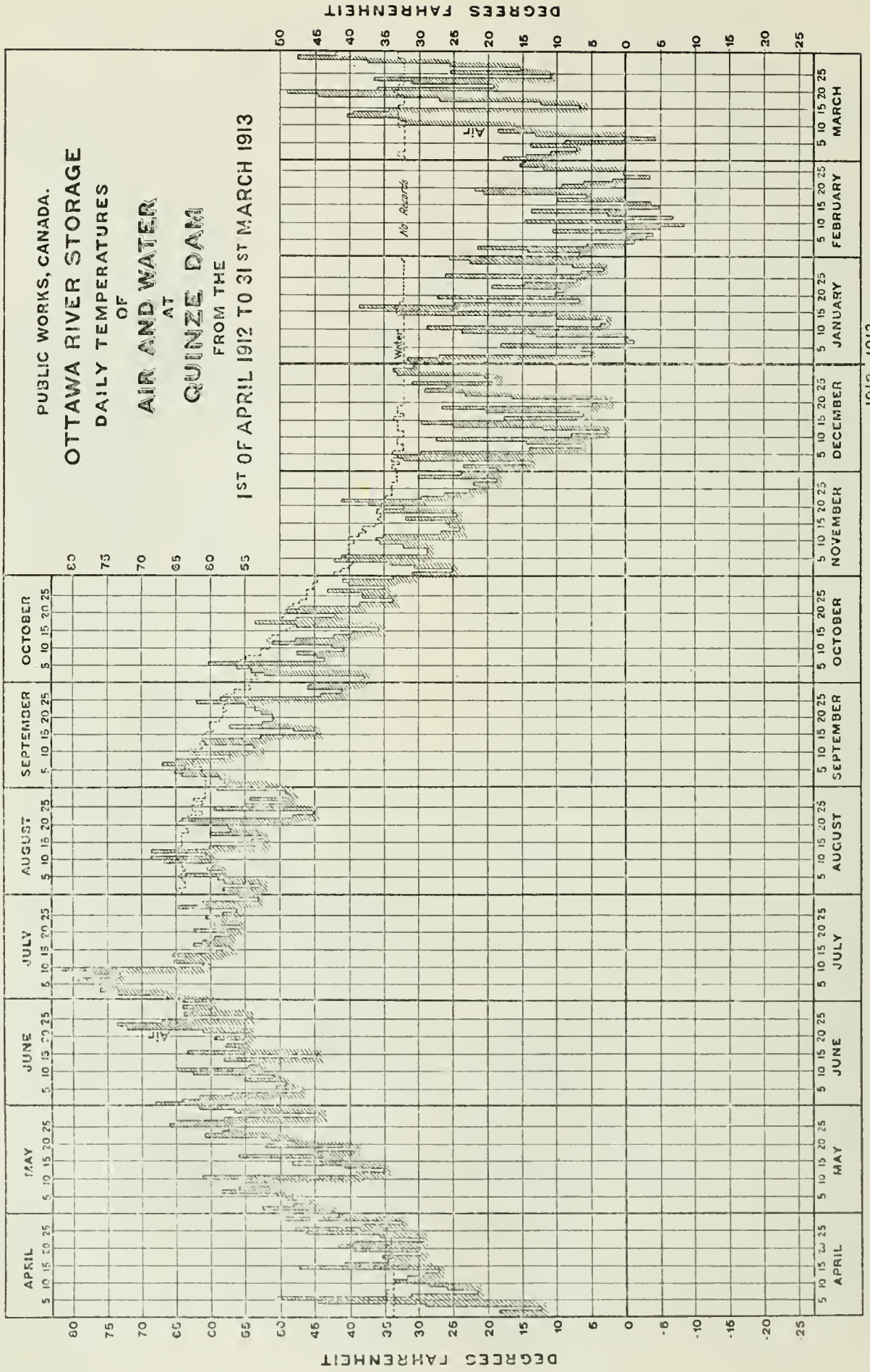
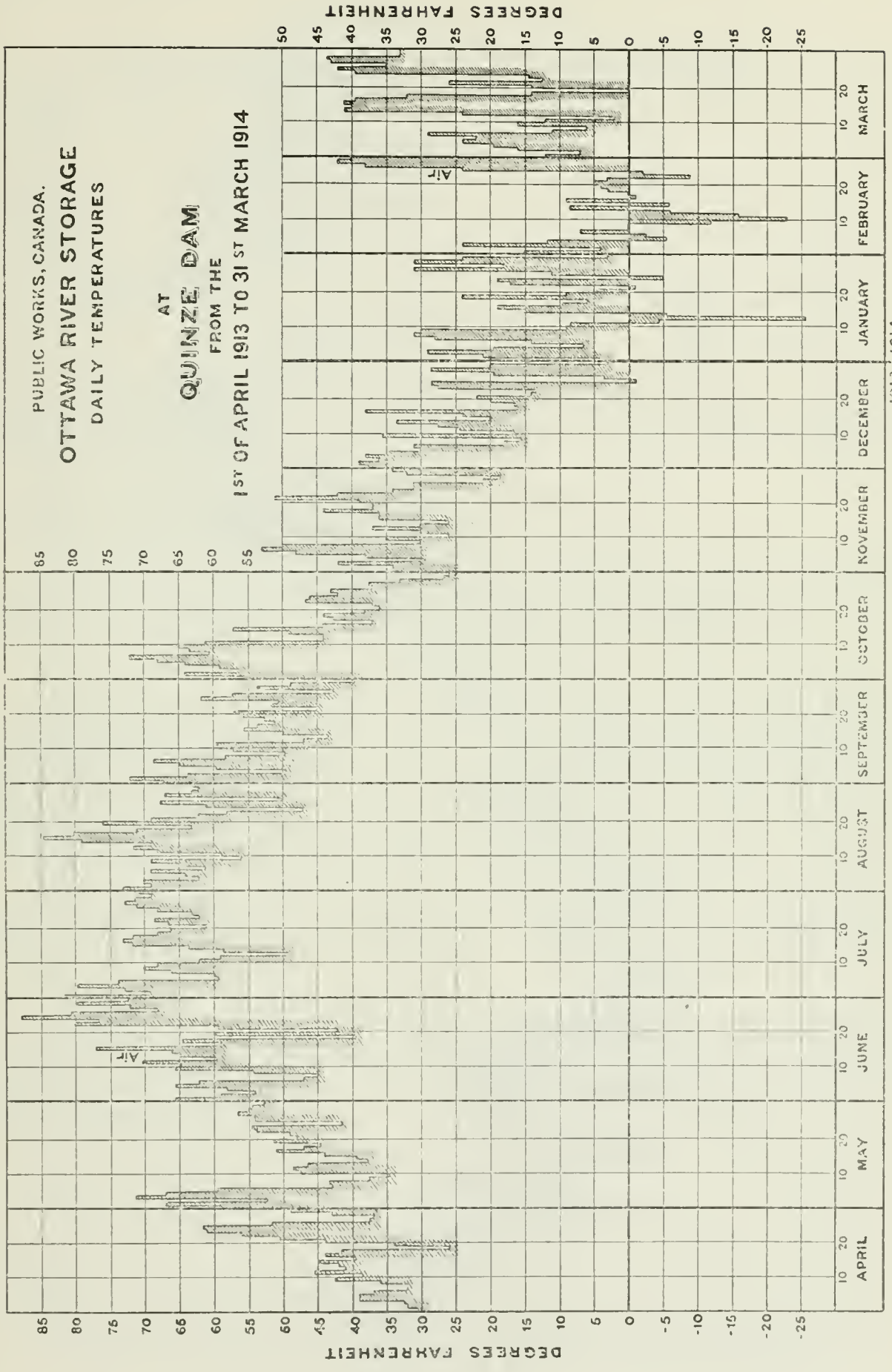
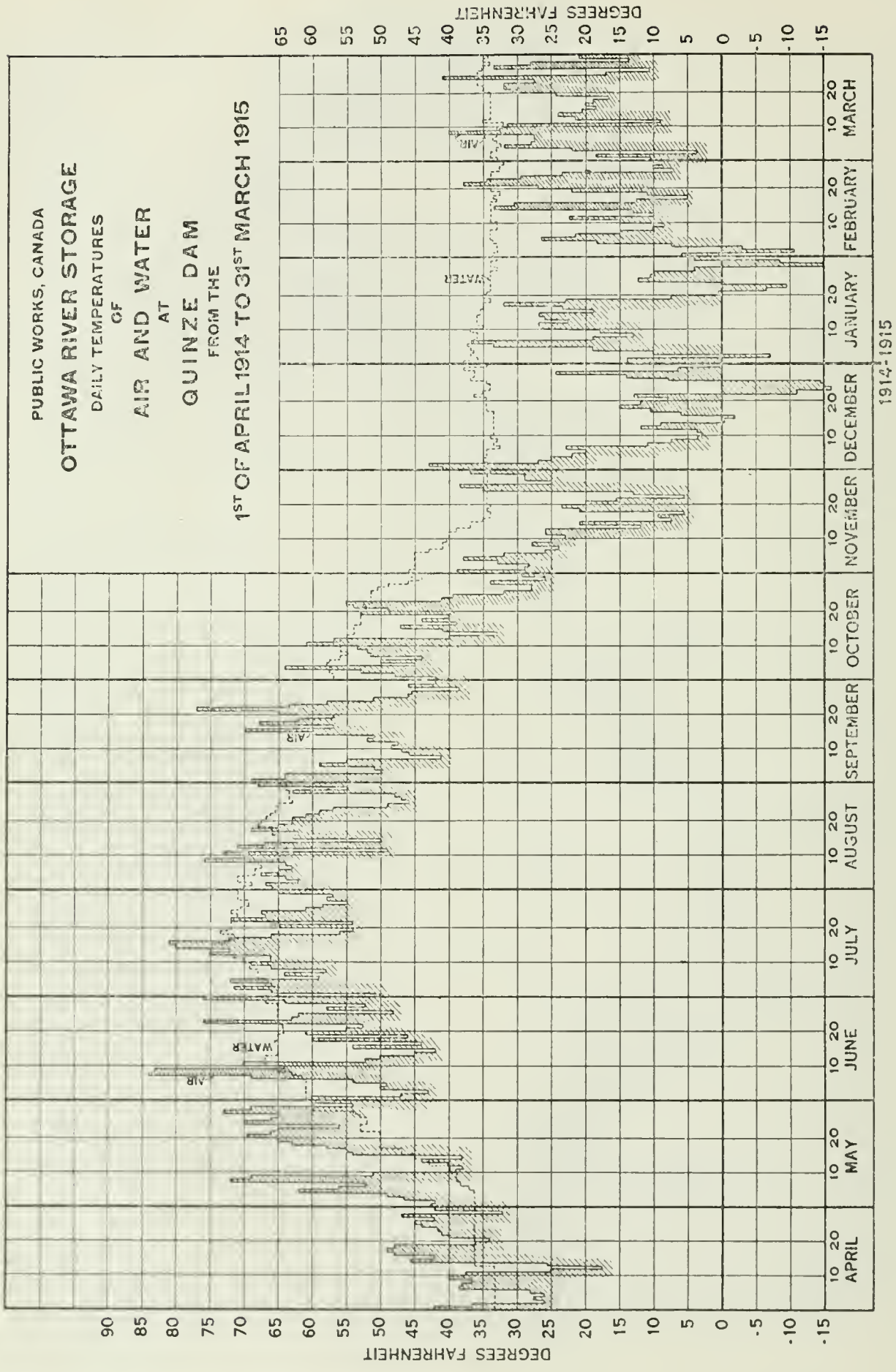



PUBLIC WORKS, CANADA.
OTTAWA RIVER STORAGE
DAILY TEMPERATURES
OF
AIR AND WATER
AT
QUINZE DAM
FROM THE
1ST OF APRIL 1912 TO 31ST MARCH 1913
DEGREES FAHRENHEIT
Water
Air
No Records
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
1912-1913

SESSIONAL PAPER No. 19a




PUBLIC WORKS, CANADA
OTTAWA RIVER STORAGE
DAILY TEMPERATURES
OF
AIR AND WATER
AT
QUINZE DAM
FROM THE
1ST OF APRIL 1914 TO 31ST MARCH 1915
DEGREES FAHRENHEIT
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
1914-1915
AIR
WATER

BLANCHE RIVER, ONT.

(Drainage Area, 1,720 square miles.)

DISCHARGE MEASUREMENTS of the Blanche River.

Date.	Made by.	Discharge.
1909.		
June 17	S. B. Johnson	2,070
1914.		
Jan. 16	J. A. Beauchemin	668

HAILEYBURY, ONT.

Location of gauges.—Gauge readings are received through the Ottawa District Engineer's office, the observations being taken from a staff gauge on the steamboat wharf at Haileybury.

Records available.—1st July to 8th December, 1906; 19th April, 1907, to 2nd July, 1908; 1st January, 1909, to date.

Precipitation and Temperature records.—Precipitation and atmospheric temperature observations started in 1893, and have been continued to date by Mr. Paul A. Cobbold, for the Dominion Meteorological Service.

MONTREAL RIVER.

Location of gauges.—Mr. R. de B. Corriveau, Ottawa District Engineer, has three staff gauges at Latchford. No. 1 is on a pier on Bay lake just above the dam; No. 2 is directly below the sluices; and No. 3 is on a pier in front of Empire mill. A gauge was placed at Gillies depot by this office in December, 1913, but owing to the power dam at Hound chute on this reach of the river, it did not prove satisfactory, and readings have been discontinued.

Records available.—Gauge No. 1, 1st March, 1912, to date; gauge No. 2, 20th December, 1913, to date; gauge No. 3, 19th July, 1909, to date; Gillies depot gauge, 13th December, 1914, to date.

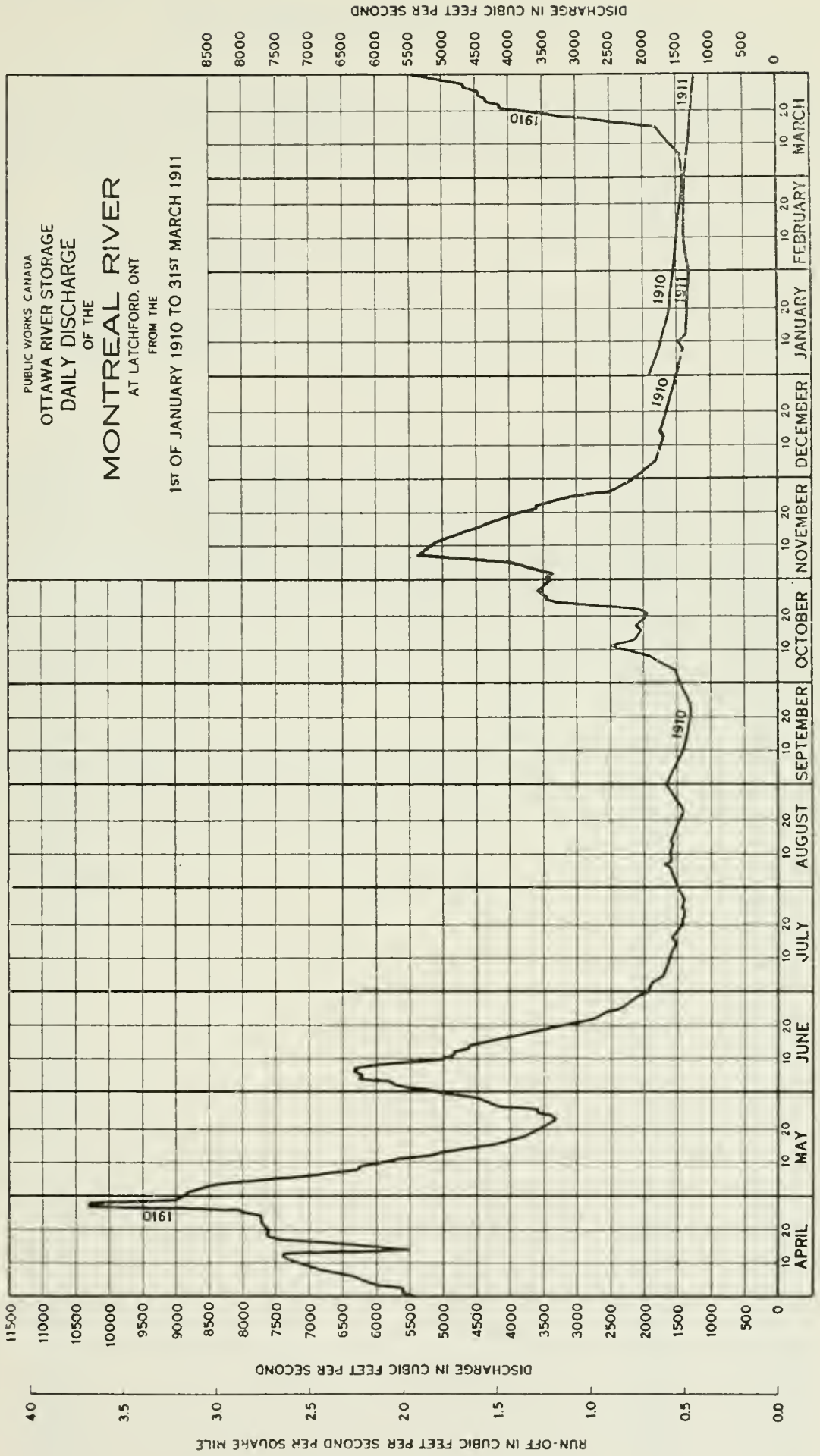
Drainage area.—2,800 square miles.

Discharge measurements.—Current-meter measurements have been made at frequent intervals since June, 1909. Meterings are made from a rowboat about 1 mile downstream from Latchford during high water and about 3 miles downstream during low water.

Discharge Measurements of Montreal River near Latchford.

Date.	Made by.	Water Elevation.			Discharge in c.f.s.	Remarks.
		at Bay Lake.	below Latchford Dam.	at Empire Mill Dam.		
1909						
June 16	S. B. Johnson			895·45	6,000	
July 16	"			894·92	1,800	
Sept. 3	"				1,590	
1910.						
May 14	"			897·67	5,640	
June 9	"			898·17	6,000	
" 30	"			895·92	2,580	
1912.						
Nov. 18	"	902·18		897·70	2,090	
1913.						
Feb. 6	A. M. Kirkpatrick	900·98		894·82	1,210	
May 15	A. A. Anderson	906·20		903·05	10,320	
June 14	"	904·03		899·90	3,900	
" 25	"	903·47		898·95	2,570	
July 3	"	902·63		897·55	1,640	
Oct. 31	Bruce Ross	903·81		899·15	2,250	
Nov. 1	"	903·83		899·35	2,270	
" 7	"	903·58		899·24	2,190	
" 14	"	903·78		899·86	3,110	
" 15	"	903·75		899·78	3,230	
" 26	"	904·69		900·32	3,980	
" 27	"	904·94		900·47	3,730	
" 28	"	905·12		900·59	4,360	
" 29	"	905·18		900·59	4,310	
1914.						
Mar. 5	J. A. Beauchemin	905·59		899·57	2,360	
" 6	"	905·29		899·51	2,520	A.M.
" 6	"	905·29		899·51	2,890	P.M.
" 7	"	904·80		899·57	2,720	A.M.
" 7	"	904·80		899·57	2,720	P.M
" 9	"	903·97		899·40	2,270	A.M.
" 9	"	903·97		899·40	2,550	P.M
" 10	"	903·56		899·40	2,330	A.M.
" 10	"	903·56		899·40	2,130	P.M
" 11	"	903·17		899·18	2,150	
" 12	"	902·98		899·17	1,990	
" 13	"	902·79		898·87	1,920	
" 14	"	902·58		898·75	1,780	
" 17	"	902·27		898·07	1,340	
" 18	"	902·19		897·82	1,560	
" 19	"	902·10		897·38	1,420	
" 20	"	902·02		897·12	1,380	
" 21	"	901·90		896·84	1,450	
" 23	"	901·73		897·65	1,350	
Aug. 20	F. J. Carre	904·48		894·82	960	
" 21	"	904·47		894·76	890	
" 22	"	904·42		891·75	900	
Sept. 4	"	903·53		896·73	869	
Aug. 10	Murray & Ronald	905·27		896·66	1,850	
Sept. 11	"	903·10		895·29	1,630	
Oct. 7	"	901·58		895·23	1,010	
Nov. 4	"	903·51		896·70	950	
Dec. 7	"	906·66		898·19	640	
1915						
Jan. 8	"	904·66		895·76	1,380	
Feb. 13	"	904·50		897·88	1,390	
Mar. 13	"	903·06		896·11	1,240	

SESSIONAL PAPER No. 19a



KIPAWA LAKE AND RIVER, GORDON CREEK.

Location of Gauges.—At Kipawa River dam there are three staff gauges—No. 1 on the upstream face of the dam, giving the lake levels; No. 2 about 1,500 feet below the dam; and No. 3, 2 miles down the river. At the head of Gordon creek there is a staff gauge giving Kipawa lake elevations. Near the mouth of Gordon creek, a staff gauge is located on the north abutment of the highway bridge below Lumsden's mills.

Records available.—Gauges Nos. 1 and 2 were installed on the 1st October, 1912, and have been read to date. Gauge No. 3 was installed on the 13th May, 1914, and was read for a short period only. Readings, have however, now been resumed. The gauge at the head of Gordon creek was installed on the 1st June, 1909, and Lumsden's mill gauge on the 1st April, 1910. Observations on both these gauges have been continued to date.

Drainage area of Kipawa lake.—2,133 square miles.

Discharge measurements.—In 1909, three meterings were made of the Kipawa river above the old dam. During the construction of the new dam the section was changed to one about three-quarters of a mile downstream, and has since been used for all later meterings. These measurements are made at a narrow channel about 300 feet wide with a mean velocity at high water of about 3 feet per second. A row-boat is used to meter from and is held in position by a rope and cable stretched across the stream. Gordon creek meterings are made from the highway bridge above Lumsden's mill. The flow at this section is even, and does not exceed 3·5 feet per second at high water, and goes down to 0·4 foot per second at low water.

Discharge Curves.—The Kipawa river curve is well defined for flows between 300 and 700 c.f.s., and between 3,000 and 4,000 c.f.s. More meterings are required in order to properly determine the intermediate part of the curve. The Gordon creek curve is fairly well defined for flows from 300 c.f.s. up to 2,000 c.f.s.

Winter flow.—Apparently unaffected by ice in either Kipawa river or Gordon creek.

SESSIONAL PAPER No. 19a

Discharge Measurements of Kipawa River near Kipawa Dam.

Date.	Made by.	Water elevation at Lower Gauge.	Water elevation at Upper Gauge.	Discharge.
1909.				
June 4	S. B. Johnson.....	872·16	881·46	10,460
July 20	"	869·36	877·26	4,613·3
Aug. 27	"	869·11	875·56	4,549·2
1910.				
May 23	"	869·37	878·86	4,456·9
July 5	"	.....	880·18	667·9
1913.				
Feb. 8	A. M. Kirkpatrick.....	869·71	875·14	4,071·7
1912.				
Nov. 12	W. E. Blue	866·10	879·75	505·3
1914.				
Feb. 3 P.M.	J. A. Beauchemin.....	870·10	881·28	4,318·1
" 4 A.M.	"	870·10	881·17	4,304·2
" 4 P.M.	"	870·10	881·17	4,416·4
" 5 A.M.	"	870·08	881·07	3,921·6
" 5 P.M.	"	870·08	881·07	4,296·5
" 6 A.M.	"	870·07	880·97	4,200·7
" 6 P.M.	"	870·07	880·97	4,284·3
" 7 A.M.	"	870·05	880·95	4,220·7
" 9 A.M.	"	869·93	880·87	4,343·9
" 9 P.M.	"	869·93	880·87	4,175·6
" 10	"	869·91	880·78	4,284·3
March 26	F. J. Carre	869·75	875·35	4,161·2
" 27 A.M.	"	869·64	875·29	4,119·4
" 27 P.M.	"	869·64	875·29	4,113·2
" 28 A.M.	"	869·57	875·17	4,103·6
" 28 P.M.	"	869·57	875·17	4,121·2
" 30 A.M.	"	869·49	875·04	4,002·1
" 30 P.M.	"	869·49	875·04	3,993·0
" 31	"	869·43	874·95	4,074·5
April 1 A.M.	"	869·15	874·36	3,842·3
" 1 P.M.	"	869·15	874·36	3,891·2
" 2 A.M.	"	869·08	874·24	3,799·5
" 2 P.M.	"	869·08	874·24	3,816·1
" 3 A.M.	"	869·04	874·14	3,642·1
" 4 A.M.	"	869·03	874·09	3,867·8
" 4 P.M.	"	869·03	874·09	3,689·8
" 6 A.M.	"	868·93	873·94	3,694·8
" 6 P.M.	"	868·93	873·94	3,552·0
" 7 P.M.	"	868·89	873·84	3,618·2
" 8 A.M.	"	868·83	873·74	3,591·4
" 9 A.M.	"	868·81	873·69	3,494·3
" 9 P.M.	"	868·81	873·69	3,536·9
" 10 A.M.	"	868·74	873·60	3,434·2
" 11 A.M.	"	868·73	873·53	3,393·6
" 11 P.M.	"	868·73	873·53	3,394·4
" 13 A.M.	"	868·67	873·40	3,315·2
" 13 P.M.	"	868·67	873·40	3,345·3
" 14 P.M.	"	868·22	873·36	2,116·1
" 15 P.M.	"	866·45	873·32	355·8
" 16 P.M.	"	865·25	873·31	237·3
" 17 P.M.	"	865·25	873·35	311·3
" 18 P.M.	"	865·25	873·38	325·2
" 20 P.M.	"	865·26	873·51	297·8
" 21 A.M.	"	865·26	873·69	355·2
" 21 P.M.	"	865·26	873·60	367·6
" 22	.....	.....	.....	.....
" 23 A.M.	"	865·27	873·69	368·4
" 23 P.M.	"	865·27	873·69	373·6
" 24 A.M.	"	865·27	873·77	376·3
" 24 P.M.	"	865·27	873·77	368·1
" 25 A.M.	"	865·28	873·79	376·2
" 27 A.M.	"	865 32	874·14	391·2
" 27 P.M.	"	865·32	874·14	400·3
" 28 A.M.	"	865·33	874·26	410·8
" 29 A.M.	"	865·35	874·46	416·9
" 29 P.M.	"	865·35	874·46	423·2
" 30 A.M.	"	865·37	874·62	418·8
" 30 P.M.	"	865·37	874·62	434·5
May 1 A.M.	"	865·39	874·77	428·1
" 2 A.M.	"	865·40	874·93	435·9
" 2 P.M.	"	865·40	874·93	434·3
" 4 A.M.	"	865·43	875·27	444·0
" 4 P.M.	"	965·43	875·27	441·5
" 5 A.M.	"	865·45	875·46	453·7
" 5 P.M.	"	865·45	875·46	454·9
" 6 A.M.	"	865·46	875·66	449·1

Discharge Measurements of Kipawa River near Kipawa Dam.

Date.	Made by	Water elevation at Lower Gauge	Water elevation at Upper Gauge	Discharge.
		Feet.	Ft. per sec.	Sec.-ft.
1914.				
May 6 P.M.	F. J. Carre..	865·46	875·66	447·0
" 7 A.M.	"	865·48	875·91	470·2
" 7 P.M.	"	865·48	875·91	465·6
" 8 A.M.	"	865·50	876·14	479·2
" 8 P.M	"	365·50	876·14	473·8
" 9 A.M.	"	865·52	876·36	478·9
" 9 P.M	"	865·52	876·36	482·3
" 11 A.M.	"	865·55	876·82	487·9
" 11 P.M.	"	865·55	876·82	490·6
" 12 A.M.	"	865·56	877·02	496·0
" 14 A.M.	"	865·59	877·43	520·9
" 15 A.M.	"	865·62	877·59	535·3
" 16 A.M.	"	865·65	877·77	561·9
" 18 A.M.	"	865·65	878·09	642·6
" 18 P.M	"	865·65	878·09	544·8
" 19 A.M.	"	865·66	878·22	546·9
" 20 A.M.	"	865·66	878·34	536·6
" 21 A.M.	"	865·67	878·43	548·5
" 21 P.M.	"	865·67	878·43	555·3
" 23 A.M.	"	865·68	878·66	568·3
" 25 A.M.	"	865 70	878·89	579·3
" 25 P.M.	"	865·70	878·89	575·6
" 27 A.M.	"	865·73	879·09	590·0
" 28 A.M.	"	865·74	879·19	597·4
" 28 P.M.	"	865·74	879·19	605·8
" 29 A.M.	"	865·75	879·32	596·6
" 30 A.M.	"	865·75	879·39	612·9

METERINGS OF KIPAWA DAM SLUICES.

1914.				
May 8	F. J. Carre. North Sluice	865·52	876·36	26·0
" 9	" South Sluice.	865·52	876·36	58·8

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Discharge Measurements of Gordon Creek near Lumsden's Mills.

Date.	Made by	Water elevation.	Discharge.
		Feet.	Sec.-ft.
1909.			
June 2	S. B. Johnson	772·05	2,730
July 13	"	773·88	1,050
Aug. 24	"	773·50	730
1910.			
Mar. 3	S. B. Johnson	774·15	1,020
May 13	"	774·30	1,820
" 28	"	774·35	1,780
July 2	"	775·05	2,080
" 11	"	774·65	2,140
1912.			
July 19	Brown & Ewart	773·93	1,490
Nov. 6	W. E. Blue	773·63	1,490
" 25	"	.....	1,260
1913.			
Jan 31	A. J. McCool	772·83	310
Feb. 15	A. M. Kirkpatrick	772·93	310
April 25	"	772·73	390
May 3	"	772·63	190
" 13	W. E. Blue	773·93	1,720
1914.			
Feb. 13	G. M. Brown	.....	370
" 16	"	.....	400
" 18	"	.....	420
" 20	"	.....	420
" 21	"	.....	410
April 6	"	769 74	90
Nov. 17	Thos. Curtis	770·64	400
" 21	"	770·54	400
" 24	"	770·64	380
" 28	"	770·54	370
Dec. 1	"	770·64	370
" 5	"	770·54	370
" 9	"	770·54	330
" 12	"	770·54	330
" 15	"	770·54	330
" 23	"	770·44	320
1915.			
Jan. 5	Thos. Curtis	770·54	340
" 13	"	770·54	340
" 16	"	770·54	350
" 26	G. Goodwin	770·54	320
" 30	"	770·54	320
Feb. 3	"	770·54	310
" 10	"	770·54	330
" 17	"	770·54	340
" 20	"	770·54	310
" 23	"	770·54	320
" 27	"	770·54	330
Mar. 2	"	770·54	350
" 6	"	770·54	350
" 9	"	770·54	340
" 16	"	770·54	470
" 19	"	770·54	360
" 23	"	770·54	250
" 27	"	770·44	300
" 30	"	770·54	290
April 3	"	770·54	300
" 6	"	770·54	320

Monthly Discharge of Kipawa River and Gordon Creek, for 1912-15.

Month.	Discharge in Second-Feet.				Run-Off.		Rainfall, Inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of rainfall.	
1912.							
October	2,994	2,133	2,617	1·227	1·415	45	*3·17
November	2,919	1,575	2,232	1·046	1·167	73	*1·59
December	9,685	1,509	4,368	2·048	2·361	72	*3·26
1913.							
January	9,498	8,330	8,871	4·159	4·795	152	*3·15
February	7,938	4,311	5,515	2·586	2·692	210	*1·28
March	4,145	3,236	3,589	1·683	1·940	98	*1·97
The period	9,685	1,575	4,528	2·123	14·370	100	*14·42
1913-14.							
April	3,449	1,073	1,352	0·634	0·707	34	*2·09
May	3,264	1,133	2,580	1·210	1·395	62	*2·25
June	4,043	3,269	3,746	1·757	1·961	99	*1·98
July	5,079	3,295	3,858	1·809	2·086	61	*3·40
August	5,692	3,527	4,456	2·089	2·409	51	*4·76
September	4,937	2·119	3,515	1·647	1·838	79	*2·31
October	2,568	1,763	1,962	0·920	1·061	21	*4·95
November	1,834	1,797	1,813	0·850	0·949	28	*3·35
December	2,411	1,834	1,938	0·909	1·048	62	*1·69
January	6,186	2,052	3,146	1·475	1·701	98	*1·74
February	6,019	4,465	4,989	2·339	2·435	88	*2·76
March	6,719	4,129	5,584	2·618	3·019	164	*1·84
The year	6,719	1,073	3,233	1·516	20·609	62	*33·12
1914-15.							
April	3,787	375	1,887	0·885	0·988	32	3·04
May	1,946	559	896	0·420	0·484	26	1·83
June	2,238	0·889	1,796	0·842	0·940	31	3·04
July	2,247	1,279	1,989	0·932	1·075	56	1·93
August	2,048	1,270	1,128	0·529	0·610	25	2·44
September	4,425	895	2,441	1·144	1·277	34	3·81
October	1,150	745	803	0·376	0·434	14	3·12
November	805	673	721	0·338	0·377	11	3·31
December	729	625	666	0·312	0·360	18	2·01
January	676	673	674	0·316	0·364	15	2·41
February	729	670	675	0·316	0·329	22	1·52
March	673	622	666	0·312	0·360	112	0·32
The year	4,425	375	1,194	0·560	7,598	26	28·78

Note.—Discharge computed by adding discharges of Kipawa and Gordon Creek.

* Mean monthly precipitation computed from observations at Quinze Dam and Timiskaming (Ottawa Storage).

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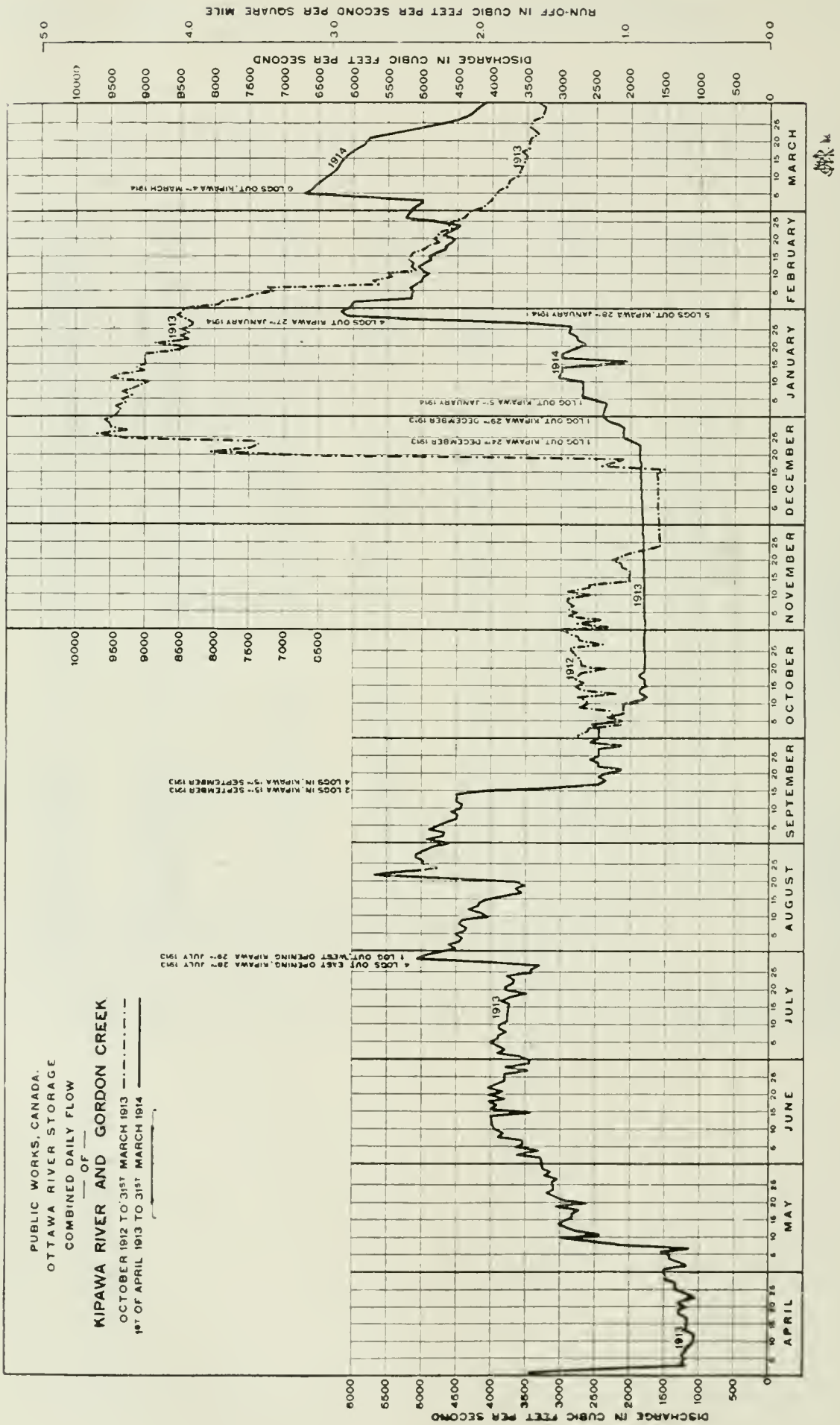
Monthly Discharge of Gordon Creek near Lumsden's Mills, for 1912-15.

Month.	Discharge in Second-feet.		
	Maximum.	Minimum.	Mean.
1912-13.			
April	1,231	338	702
May	2,726	1,058	1,937
June	2,726	2,036	2,518
July	2,726	2,036	2,458
August	2,611	1,576	2,106
September	2,266	1,576	1,969
October	2,151	1,461	1,863
November	2,036	1,000	1,557
December	1,806	886	1,179
January	2,036	1,001	1,415
February	1,461	1,001	1,134
March	886	588	737
The year	2,726	338	1,635
1913-14.			
April	1,116	772	919
May	2,611	673	2,039
June	3,186	2,611	2,956
July	3,186	2,611	2,949
August	2,726	1,691	2,333
September	2,036	1,461	1,796
October	1,921	1,116	1,314
November	1,150	1,150	1,150
December	1,150	1,150	1,150
January	1,507	510	1,232
February	1,221	343	480
March	343	220	272
The year	3,186	220	1,551
1914-15.			
April	458	66	204
May	1,472	219	483
June	1,702	398	1,292
July	1,702	783	1,476
August	1,587	783	1,290
September	1,127	524	820
October	783	398	446
November	458	342	383
December	398	294	333
January	342	342	342
February	398	342	333
March	342	294	337
The year	1,702	66	648

Note.—Discharge from November 24, 1912, to December 15, 1912, estimated. Discharge from October, 1913, to January 10, 1914, estimated.


PUBLIC WORKS, CANADA.
OTTAWA RIVER STORAGE
COMBINED DAILY FLOW
— OF —
KIPAWA RIVER AND GORDON CREEK
OCTOBER 1912 TO 31ST MARCH 1913
1ST OF APRIL 1913 TO 31ST MARCH 1914
DISCHARGE IN CUBIC FEET PER SECOND
RUN-OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
1912
1913
1914
4 LOGS OUT EAST OPENING KIPAWA 28TH JULY 1913
1 LOG OUT WEST OPENING KIPAWA 28TH JULY 1913
2 LOGS IN KIPAWA 15TH SEPTEMBER 1913
4 LOGS IN KIPAWA 15TH SEPTEMBER 1913
1 LOG OUT KIPAWA 24TH DECEMBER 1913
1 LOG OUT KIPAWA 29TH DECEMBER 1913
1 LOG OUT KIPAWA 5TH JANUARY 1914
4 LOGS OUT KIPAWA 27TH JANUARY 1914
5 LOGS OUT KIPAWA 28TH JANUARY 1914
6 LOGS OUT KIPAWA 4TH MARCH 1914

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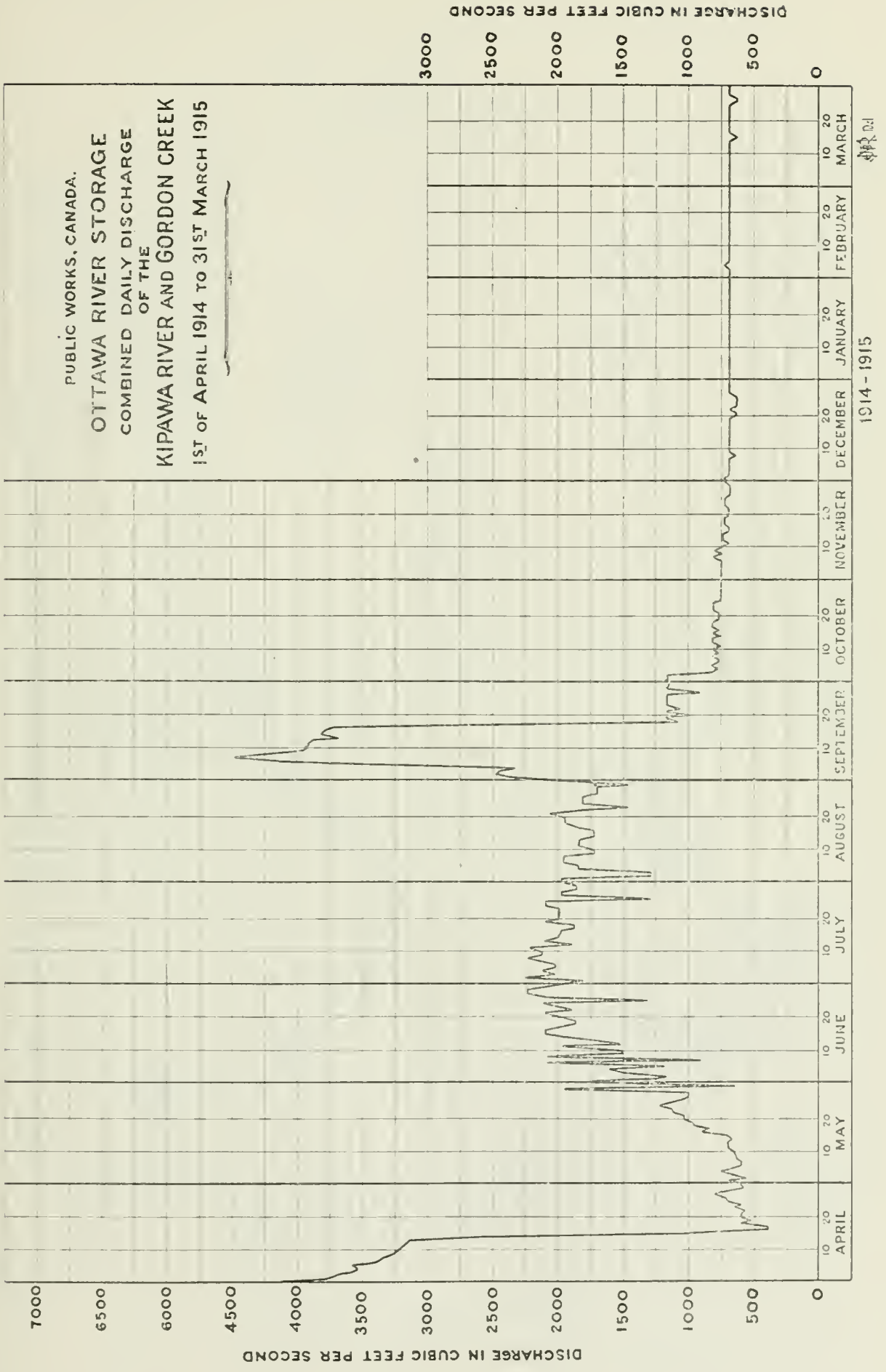

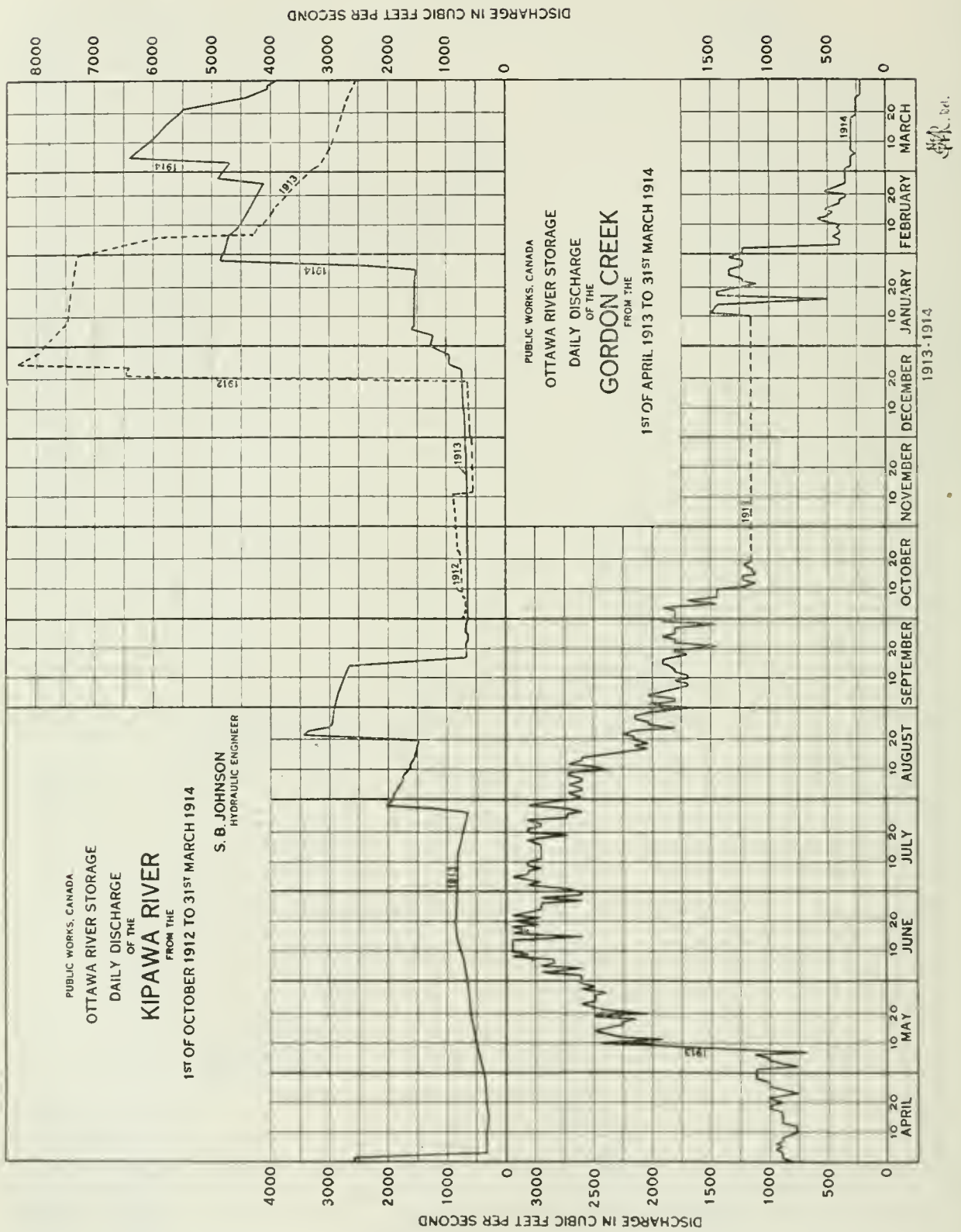
PUBLIC WORKS, CANADA
OTTAWA RIVER STORAGE
DAILY DISCHARGE OF THE
KIPAWA RIVER
FROM THE
1ST OF OCTOBER 1912 TO 31ST MARCH 1914
S. B. JOHNSON
HYDRAULIC ENGINEER
PUBLIC WORKS, CANADA
OTTAWA RIVER STORAGE
DAILY DISCHARGE OF THE
GORDON CREEK
FROM THE
1ST OF APRIL 1913 TO 31ST MARCH 1914
1913-1914
DISCHARGE IN CUBIC FEET PER SECOND
APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY MARCH
1912
1913
1914

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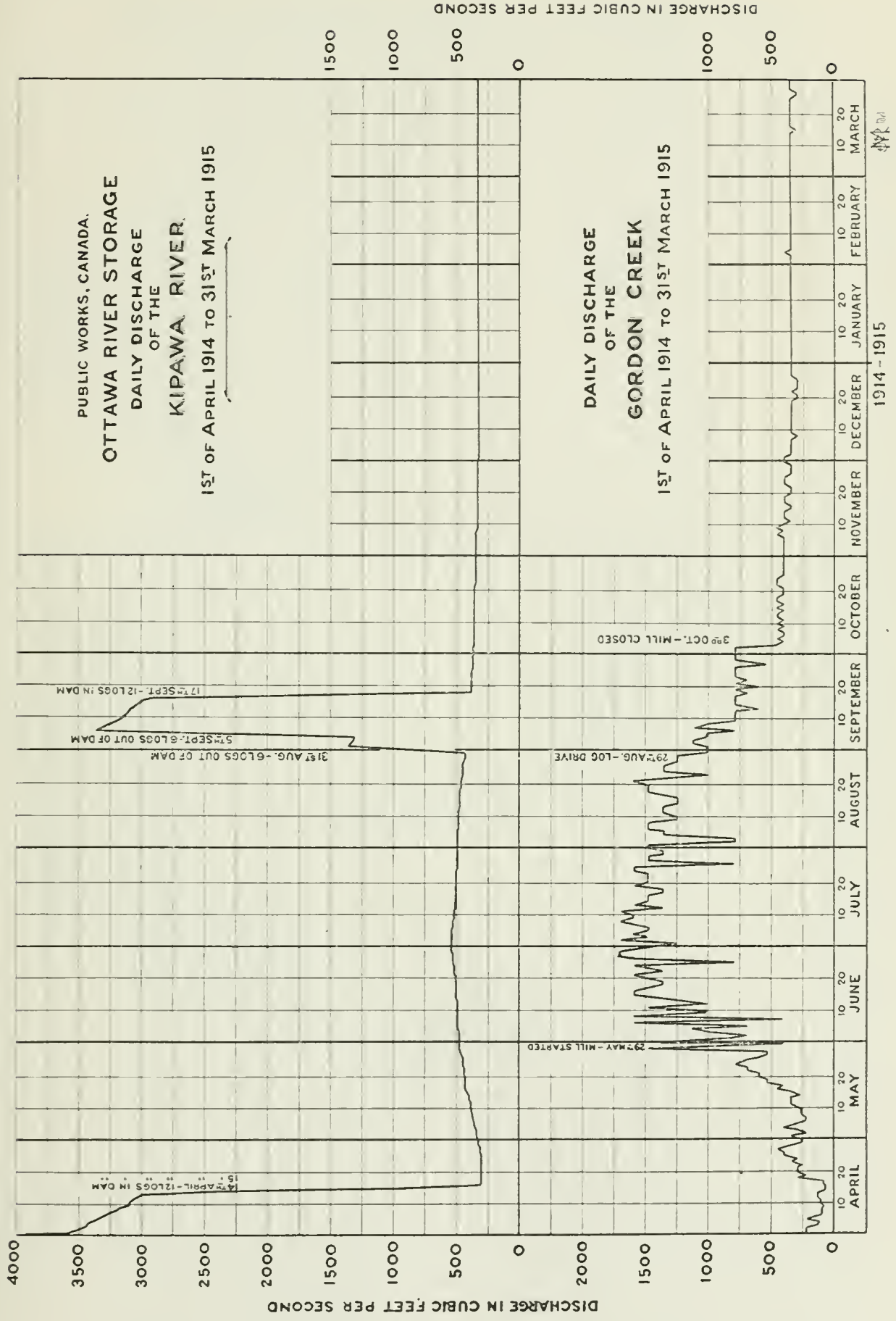
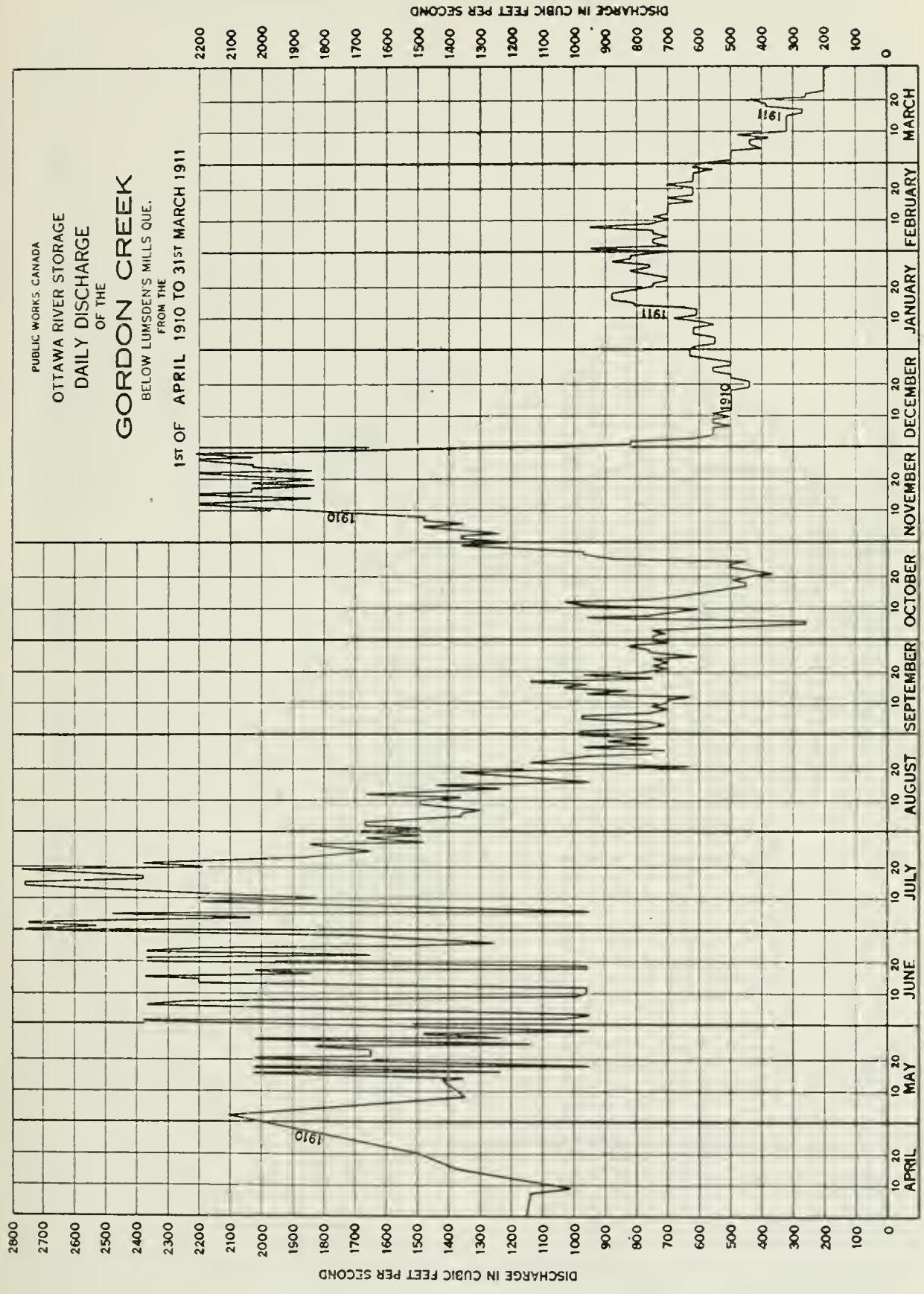
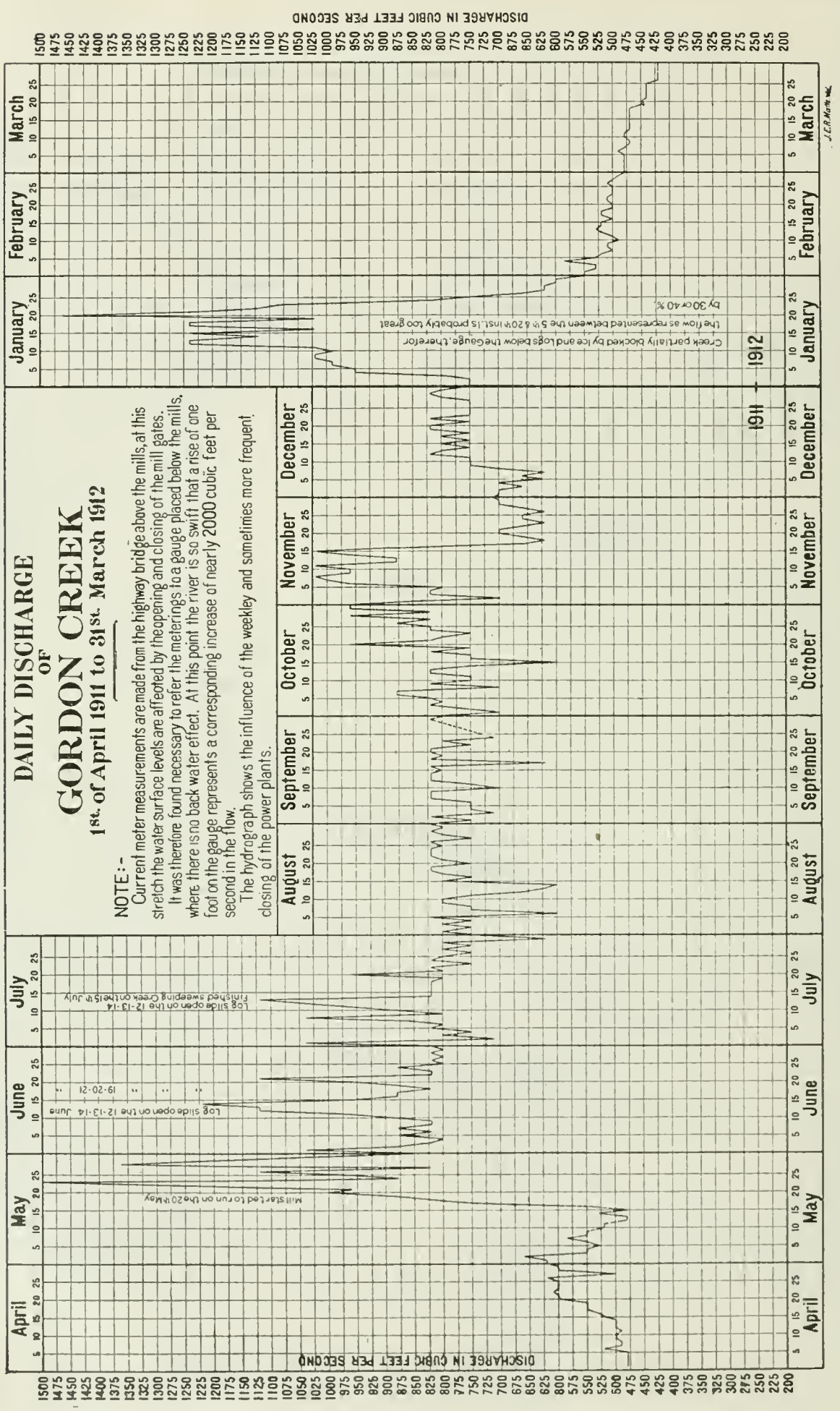
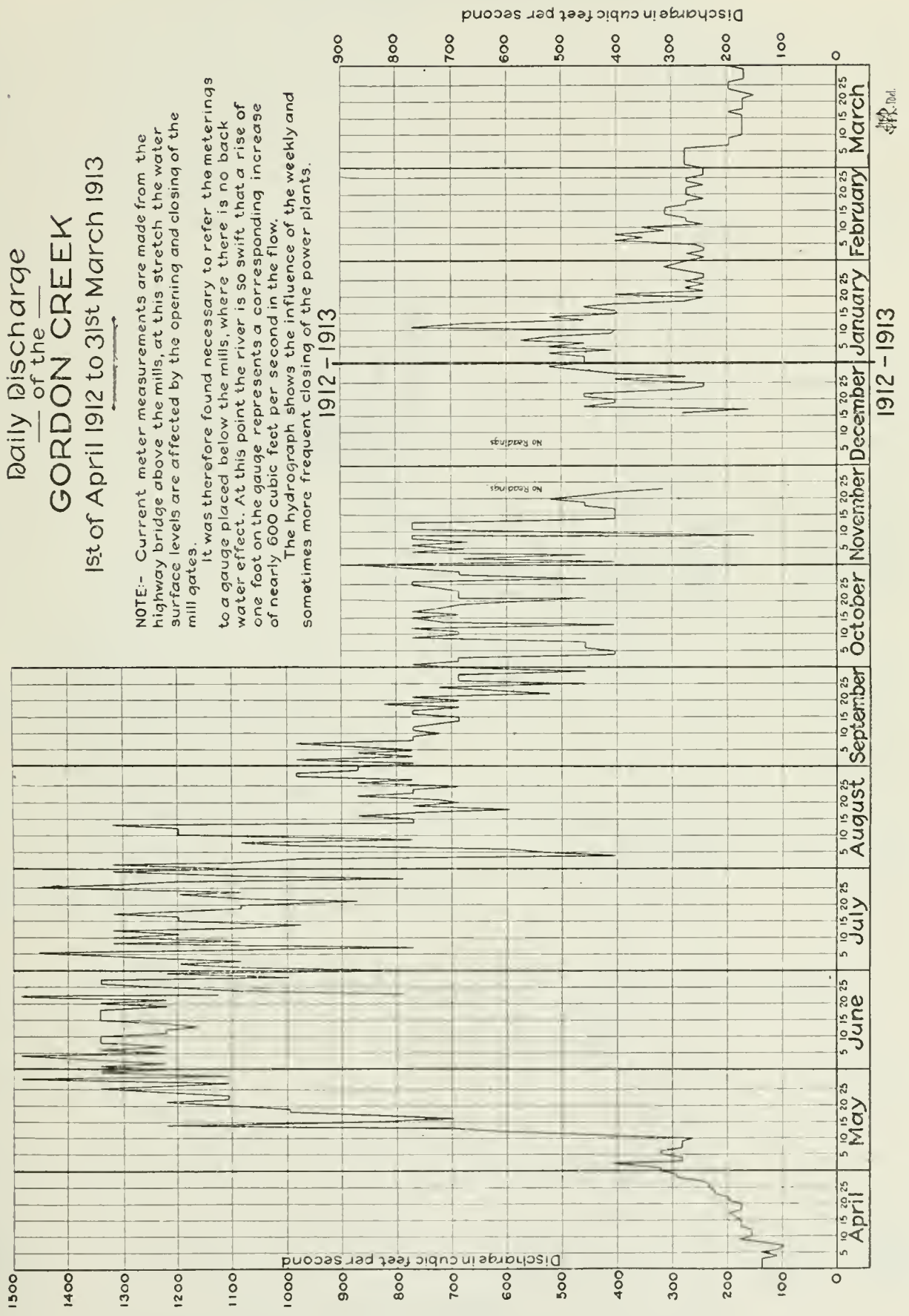
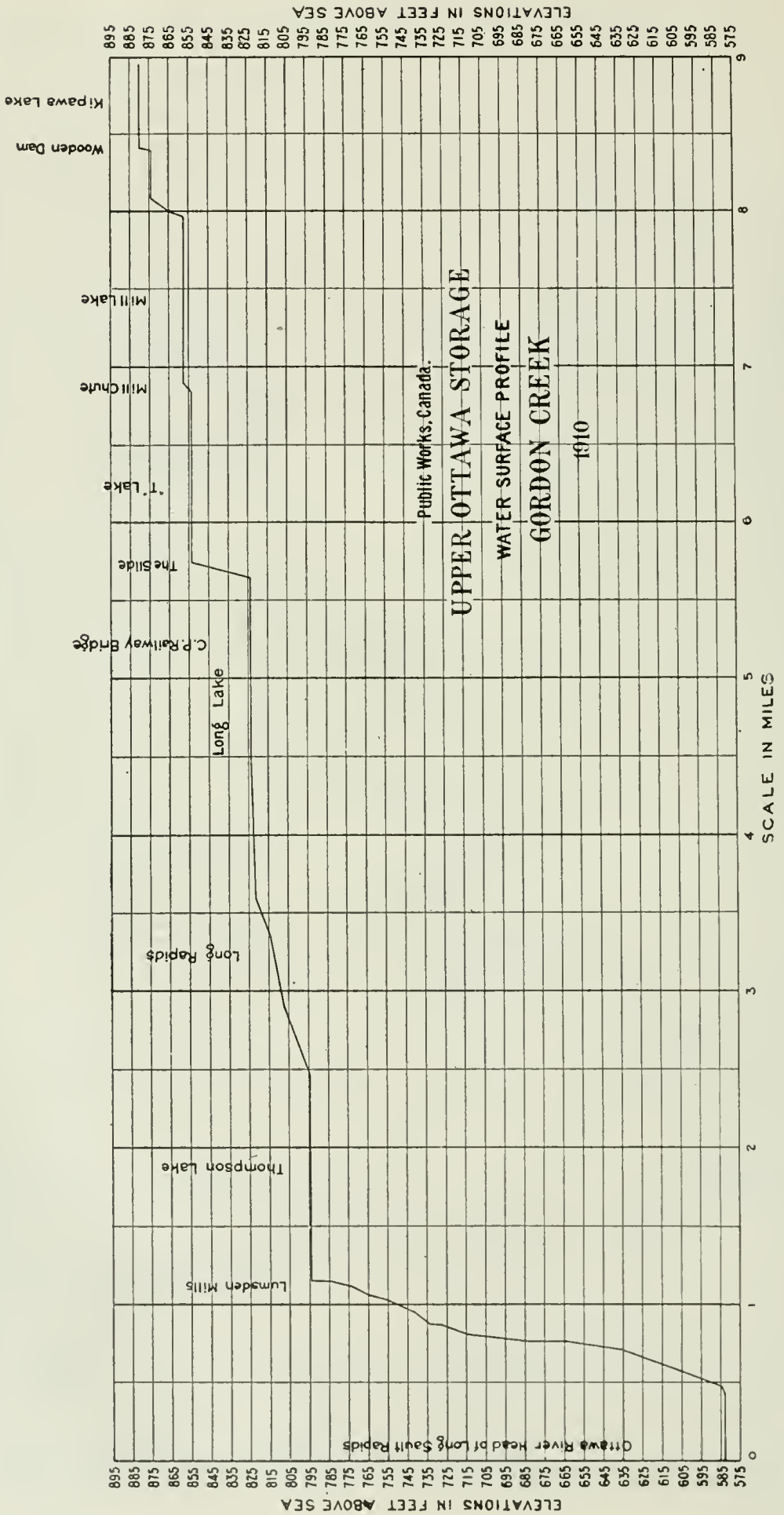


KIPAWA LAKE
Concrete Dam
ELEVATIONS IN FEET ABOVE SEA
900 890 880 870 860 850 840 830 820 810 800 790 780 770 760 750 740 730 720 710 700 690 680 670 660 650 640 630 620 610 600 590 580 570 560 550
Proposed H.W. Elev 887
Public Works, Canada.
UPPER OTTAWA-STORAGE
WATER-SURFACE-PROFILE
KIPAWA RIVER
1910
0 1 2 3 4 5 6 7 8 9 10
SCALE IN MILES
Great Chute
LAKE TIMISKAMING
Proposed H.W. Elev 589
ELEVATIONS IN FEET ABOVE SEA
900 890 880 870 860 850 840 830 820 810 800 790 780 770 760 750 740 730 720 710 700 690 680 670 660 650 640 630 620 610 600 590 580 570 560 550


PUBLIC WORKS, CANADA
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
GORDON CREEK
BELOW LUMSDEN'S MILLS QUE.
FROM THE
1ST OF APRIL 1910 TO 31ST MARCH 1911
DISCHARGE IN CUBIC FEET PER SECOND
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
1910
1911


DAILY DISCHARGE
OF
GORDON CREEK
1st. of April 1911 to 31st. March 1912
NOTE:-
Current meter measurements are made from the highway bridge above the mills, at this stretch the water surface levels are affected by the opening and closing of the mill gates.
It was therefore found necessary to refer the meterings to a gauge placed below the mills, where there is no back water effect. At this point the river is so swift that a rise of one foot on the gauge represents a corresponding increase of nearly 2000 cubic feet per second in the flow.
The hydrograph shows the influence of the weekley and sometimes more frequent closing of the power plants.
Creek partially blocked by ice and logs below the Gauge, therefor the flow as represented between the 5th & 20th inst. is probably too great by 30 or 40 %
Mill started to run on the 20th May
Log slide open on the 12-13-14 June
" " " 19-20-21 "
Log slide open on the 12-13-14 July
Finished sweeping Creek on the 15th July
1911 — 1912
DISCHARGE IN CUBIC FEET PER SECOND
April May June July August September October November December January February March


Daily Discharge
of the
GORDON CREEK
1st of April 1912 to 31st March 1913
NOTE:- Current meter measurements are made from the highway bridge above the mills, at this stretch the water surface levels are affected by the opening and closing of the mill gates.
It was therefore found necessary to refer the meterings to a gauge placed below the mills, where there is no back water effect. At this point the river is so swift that a rise of one foot on the gauge represents a corresponding increase of nearly 600 cubic feet per second in the flow.
The hydrograph shows the influence of the weekly and sometimes more frequent closing of the power plants.
1912 - 1913
Discharge in cubic feet per second
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
5 10 15 20 25
April
May
June
July
August
September
October
November
December
January
February
March
No Readings
1912 - 1913


UPPER OTTAWA STORAGE
WATER SURFACE PROFILE
GORDON CREEK
1910
Public Works, Canada.
ELEVATIONS IN FEET ABOVE SEA
SCALE IN MILES
Ottawa River Head of Long Sault Rapids
Lumsden Mills
Thompson Lake
Long Rapids
Long Lake
C.P.Railway Bridge
The Slide
T. Lake
Mill Chute
Mill Lake
Wooden Dam
Kipawa Lake

TIMISKAMING, QUE.

Location of Gauges.—Staff gauges are placed as follows: No. 1 on the steamboat wharf at the railway station; No. 2 at the foot of the island; and No. 3 at the metering section 4 miles below the dam. A recording gauge is also placed at the foot of the island, and gives an accurate record of the hourly water surface fluctuation below the dam.

Records Available.—Readings were started on the gauge at Timiskaming wharf on the 1st January, 1909, and have been continued to date. On the gauge below the island readings were started on the 1st April, 1911, and have been continued to date. The gauge at the metering section 4 miles below the dam is read only when meterings are being made.

Drainage Area.—18,100 square miles, including Gordon creek.

Discharge Measurements.—Meterings were first made at the narrows above Timiskaming, but when the dam was started the station had to be abandoned, owing to the backwater caused by the dam greatly decreasing the velocity at the section. A new metering section was located 3 miles below Timiskaming at a narrow in the river about 400 feet wide, with a mean velocity at high water of nearly 6 feet per second, and about 1 foot per second at low water. For metering purposes, a ¾-inch steel rope was stretched across the channel, firmly supported on the shores by posts and trees. On this cable an ironbound wooden cage is made to travel from shore to shore carrying two men and the metering outfit. The cage is moved from one metering observation point to another by means of a crank and winch with a three-sixteenth inch wire cable stretched across the stream, and having three turns around the drum of the winch.

Discharge Curve.—Fairly satisfactory meterings have been secured, and a curve constructed by relating the results of these meterings to the gauge elevations below Timiskaming dam. Many meterings are still required before the curve can be considered well defined.

Winter Flow.—The gauge elevations below the dam to which the discharge curve is referred are not affected by ice conditions, the water being swift and deep enough to carry away both ice and logs without causing a jam.

Precipitation and Temperature Returns.—Temperature observations (both atmospheric and water) started in February, 1910, and precipitation in March, 1910. These have been continued to date.

Discharge Measurements of Ottawa River near Timiskaming.

Date.	Made by	Water Elevations.		Discharge in Sec.-ft.
		I. C. O. Camp.	Foot of island.	
1909.				
May 7	S. B. Johnson		573·39	31,959
June 2	"	557·37	581·25	102,109
July 12	"		574 80	34,200
Aug. 25	"		573·05	25,000
Dec. 21	"		571·73	18,137
1910.				
Mar. 2	S. B. Johnson		569·40	7,560
May 12	"		576·50	46,150
" 26	"		575·90	43,110
July 2	"		573·40	22,840
" 11	"		572·60	20,270

Discharge Measurements of Ottawa River near Timiskaming—*Continued*

Date.	ade by	Water Elevations.		Discharge in Sec.-ft.
		I. C. O. Camp.	Foot of island.	
1911.				
Sept. 26	S. B. Johnson	.....	570·26	9,842
" 27	"	.....	570·12	8,504
1912.				
July 21	G. M. Brown	.....	572·25	29,242
Nov. 5	S. B. Johnson	.....	570·45	18,576
" 7	S. B. J. & W. E. B.	.....	570·75	19,474
" 8	S. B. Johnson	546·30	570·75	19,321
" 26	W.. E.. Blue	545·06	570·07	16,412
1913.				
Jan. 17	A. M. Kirkpatrick	545·61	570·27	17,530
" 20	"	544·81	569·72	14,667
" 27	"	545·41	570·12	16,305
Feb. 14	"	545·52	570·17	16,529
April 24	"	543·87	568·89	12,995
" 26	"	547·95	571·17	23,973
May 3	"	557·97	577·62	73,266
" 12	W. E. Blue	557·18	577·04	38,076
1914.				
Feb. 12	G. M. Brown	545·84	571·02	19,437
" 16	"	545·71	570·54	19,005
" 17	"	545·71	570·72	18,331
" 19	"	545·62	570·62	18,121
" 20	"	545·41	570·54	17,745
" 21	"	545·11	570·37	16,373
" 23	"	544·91	570·12	16,211
Nov. 6	T. Curtis	540·64	566·99	5,734
" 7	"	540·51	566·92	5,115
" 9	"	540·69	567·02	5,603
" 11	"	540·57	566·98	5,905
" 14	"	540·65	567·00	5,448
" 18	"	540·69	567·07	5,570
" 20	"	540·83	567·18	5,525
" 23	"	540·93	567·30	5,745
" 25	"	540·86	567·27	5,877
" 26	"	540·91	567·30	5,572
" 30	"	540·95	567·32	6,226
Dec. 2	"	541·12	567·40	6,205
" 3	"	541·15	567·45	6,277
" 4	"	541·18	567·47	6,425
" 10	"	541·18	567·65	6,676
" 11	"	541·12	567·62	6,567
" 16	"	541·14	567·72	6,550
" 22	"	541·16	567·77	6,879
1915.				
Jan. 4	T. Curtis	541·18	567·69	6,986
" 6	"	541·17	567·75	6,776
" 8	"	541·21	567·74	6,997
" 12	"	541·19	567·76	6,979
" 14	"	541·07	567·73	6,808
" 18	"	541·01	567·77	7,019
" 21	"	540·79	567·80	6,963
" 25	G. Goodwin	540·88	567·90	8,200
" 27	"	541·85	568·01	8,129
" 29	"	541·85	567·98	6,765
Feb. 4	"	541·45	567·72	5,773
" 11	"	541·30	567·79	6,993
" 13	"	541·30	567·75	7,183
" 18	"	541·10	567·70	6,742
" 19	"	541·15	567·70	6,159
" 22	"	541·08	567·59	6,540
" 24	"	540·54	567·07	5,263
Mar. 1	"	540·40	567·07	5,080
" 4	"	540·37	567·02	5,389
" 5	"	540·37	567·02	5,438
" 10	"	540·35	567·02	5,383
" 1	"	540·30	567·02	4,985
" 15	"	540·30	566·92	5,417
" 20	"	540·25	566·92	4,988
" 22	"	540·26	566·92	5,150
" 24	"	540·20	566·87	5,212
" 25	"	540·21	566·87	4,956
" 29	"	540·19	566·92	4,723

SESSIONAL PAPER No. 19a

Monthly Discharge of Ottawa River below Timiskaming Dam for 1906–11.

(Drainage Area, 18,100 square miles.)

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall,* Inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of rainfall.		
1906–07.								
July	40,000	18,960	27,352	1·511	1·742	69	66·7	*2·53
August	19,350	10,100	14,371	0·794	0·864	27	66·2	*3·12
September	9,800	4,700	6,954	0·384	0·429	23	59·2	*1·84
October	5,090	4,000	4,288	0·237	0·273	10	44·6	*2·88
November	7,700	5,350	7,066	0·390	0·435	20	27·7	*2·13
December	7,700	7,200	7,355	0·406	0·486	26	8·3	*1·89
January	7,100	6,900	6,990	0·386	0·445	44	3·6	*1·01
February	6,800	6,600	6,707	0·371	0·386	59	4·7	*0·65
March	6,500	6,300	6,397	0·354	0·408	32	24·0	*1·27
1907–08.								
April	8,900	6,000	6,577	0·363	0·405	33	30·4	*1·22
May	61,800	9,200	31,523	1·742	2·009	59	41·9	*3·42
June	61,800	46,300	53,853	2·975	3·320	116	63·4	*2·85
July	49,200	26,200	36,636	2·024	2·334	50	64·6	*4·67
August	25,900	15,200	20,461	1·130	1·303	72	50·6	*1·81
September	25,900	13,400	18,583	1·027	1·146	27	54·3	*4·26
October	27,700	24,400	25,029	1·383	1·595	66	38·1	*2·41
November	24,200	18,600	21,420	1·183	1·320	84	28·1	*1·57
December	18,200	14,500	16,064	0·887	1·023	49	18·6	*2·08
January	14,500	10,100	11,932	0·659	0·760	53	6·5	*1·44
February	10,100	7,000	8,497	0·469	0·506	23	8·6	*2·20
March	7,400	6,200	6,768	0·374	0·431	123	20·8	*0·35
The year	61,800	6,000	21,476	1·187	16·152	57	36·2	*28·28
1909.								
January	9,400	8,200	8,500	0·470	0·542	36	9·5	*1,48
February	8,200	7,000	7,500	0·414	0·431	15	9·7	*2·78
March	7,900	7,000	7,300	0·403	0·465	18	20·7	*2·47
1909–10.								
April	25,000	7,900	13,800	0·763	0·851	42	32·9	*2·01
May	102,000	25,000	63,000	3·480	4·012	151	40·8	*2·64
June	77,000	52,000	73,000	4·033	4·501	271	62·2	*1·66
July	52,000	29,100	36,000	1·989	2·293	42	64·4	*5·43
August	29,100	22,000	26,000	1·436	1·656	80	64·5	*2·05
September	23,000	20,600	21,600	1·193	1·331	40	53·7	*3·26
October	24,000	21,000	22,000	1·215	1·401	83	41·7	*1·68
November	23,800	20,000	22,000	1·215	1·356	67	33·2	*2·00
December	20,000	16,500	18,500	1·022	1·178	54	18·5	*2·18
January	16,500	11,000	13,800	0·763	0·880	43	13·4	*2·03
February	11,800	9,000	10,900	0·602	0·627	37	7·8	*1·67
March	11,000	8,000	9,000	0·497	0·573	110	29·1	*0·52
The year	102,000	7,900	27,467	1·518	20·659	76	38·5	*27·13
1910–11.								
April	46,800	11,000	30,000	1·657	1·849	113	43·3	*1·63
May	50,500	43,000	46,000	2·541	2·930	97	52·2	*3·01
June	47,000	27,400	37,900	2·094	2·337	114	62·7	*2·05
July	27,400	17,000	21,000	1·160	1·337	51	66·1	*2·60
August	17,000	13,200	15,400	0·851	0·981	21	62·4	*4·59
September	15,900	12,200	14,200	0·785	0·876	41	52·4	*2·14
October	26,100	12,900	20,000	1·105	1·274	40	43·8	*3·22
November	32,900	26,100	28,600	1·580	1·763	89	27·9	*1·98
December	27,000	16,200	21,000	1·160	1·337	145	8·5	*0·92
January	16,200	10,900	13,800	0·762	0·879	88	6·8	*1·00
February	10,900	5,900	7,000	0·387	0·403	17	10·4	*2·38
March	9,800	5,900	8,000	0·442	0·510	37	20·2	*1·39
The year	50,500	5,900	21,908	1·210	16·476	61	38·1	*26·91

* Mean monthly precipitation taken from observations at Rutherglen and Haileybury (Dom. Met. Service). Discharge computed from meterings referred to Haileybury gauge.

Monthly Discharge of Ottawa River below Timiskaming Dam for 1909–15.

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall,* inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of rainfall.		
1911–12.								
April	32,000	7,900	12,400	0·685	0·764	85	37·2	*0·09
May	90,000	32,000	66,200	3·657	4·217	165	57·3	*2·56
June	62,500	45,500	50,000	2·762	3·082	107	62·7	*2·88
July	45,500	15,500	24,400	1·238	1·427	62	68·6	*2·30
August	16,600	13,000	15,200	0·840	0·969	35	65·3	*2·78
September	12,600	9,800	11,000	0·608	0·679	27	58·1	*2·48
October	12,300	7,500	9,000	0·497	0·573	16	42·8	*3·56
November	19,200	12,300	16,000	0·884	0·987	25	25·6	*4·02
December	21,500	13,500	19,800	1·094	1·261	74	22·9	*1·70
January	20,500	15,000	17,500	0·967	1·115	46	4·5	*2·44
February	15,000	12,500	13,800	0·762	0·793	41	9·0	*1·95
March	15,200	11,500	14,200	0·785	0·905	108	16·9	*0·84
The year	90,000	7,500	22,458	1·240	16·772	59	38·5	*28·41
1912–13.								
April	29,514	9,124	13,629	0·753	0·840	57	35·2	**1·47
May	63,610	34,056	49,931	2·759	3·181	72	51·4	**4·41
June	63,506	36,430	51,459	2·843	3·173	121	59·3	**2·62
July	35,452	22,924	28,066	1·551	1·788	59	65·6	**3·03
August	22,317	15,865	18,360	1·014	1·169	29	58·2	**4·08
September	16,213	9,159	13,293	0·734	0·819	20	56·0	**4·15
October	18,121	13,300	15,803	0·873	1·007	32	45·4	**3·12
November	20,035	16,368	17,645	0·975	1·088	71	30·6	**1·53
December	16,368	15,013	15,506	0·857	0·988	36	21·2	**2·76
January	17,996	15,400	16,572	0·916	1·056	36	16·2	**2·94
February	20,645	16,447	17,908	0·990	1·031	79	4·9	**1·31
March	20,034	11,783	14,194	0·784	0·904	39	22·8	**2·29
The year	63,610	9,124	22,722	1·255	17·044	51	38·9	**33·71
1913–14.								
April	21,430	7,035	16,228	0·897	1·001	47	41·0	**2·14
May	70,180	36,756	54,635	3·018	3·480	182	50·7	**1·91
June	36,430	19,498	29,046	1·605	1·791	97	62·4	**1·85
July	20,122	15,401	18,669	1·031	1·189	33	66·5	**3·56
August	18,000	15,594	16,780	0·927	1·069	22	64·7	**4·87
September	15,594	13,115	14,440	0·798	0·891	40	56·8	**2·25
October	15,784	12,000	13,084	0·723	0·834	18	46·7	**4·73
November	29,746	16,174	21,736	1·201	1·340	41	34·5	**3·24
December	31,824	24,258	27,894	1·541	1·777	94	22·8	**1·90
January	24,258	16,563	19,301	1·066	1·229	62	9·1	**1·97
February	21,210	16,120	18,779	1·037	1·079	42	0·7	**2·60
March	19,470	13,375	16,336	0·903	1·041	55	21·8	**1·88
The year	70,180	7,035	22,293	1·232	16·721	51	39·8	**32·93
1914–15.								
April	23,894	9,782	13,490	·745	·831	29	35·1	**2·91
May	40,846	25,450	31,550	1·743	2·010	137	55·4	**1·47
June	33,020	23,634	27,011	1·492	1·665	64	60·9	**2·61
July	22,702	11,970	17,022	0·940	1·084	61	67·3	**1·78
August	11,765	6,978	9,359	0·517	0·596	28	68·9	**2·14
September	7,799	5,358	6,937	0·383	0·427	11	56·5	**3·80
October	5,400	4,624	5,030	0·278	0·321	11	45·8	**3·04
November	5,950	4,701	5,248	0·290	0·324	11	26·4	**2·89
December	7,033	5,925	6,683	0·369	0·425	22	12·6	**1·99
January	7,832	6,743	7,132	0·394	0·454	20	11·6	**2·22
February	7,178	5,050	6,560	0·362	0·373	27	15·7	**1·37
March	5,175	4,701	4,907	0·271	0·312	82	20·9	**0·38
The year	40,846	4,624	11,771	0·650	8·822	33	39·8	**26·60

**Mean monthly precipitation computed from observations at Quinze-Dam and Timiskaming, (Ottawa-Storage), and Haileybury (Dom. Met. Service).

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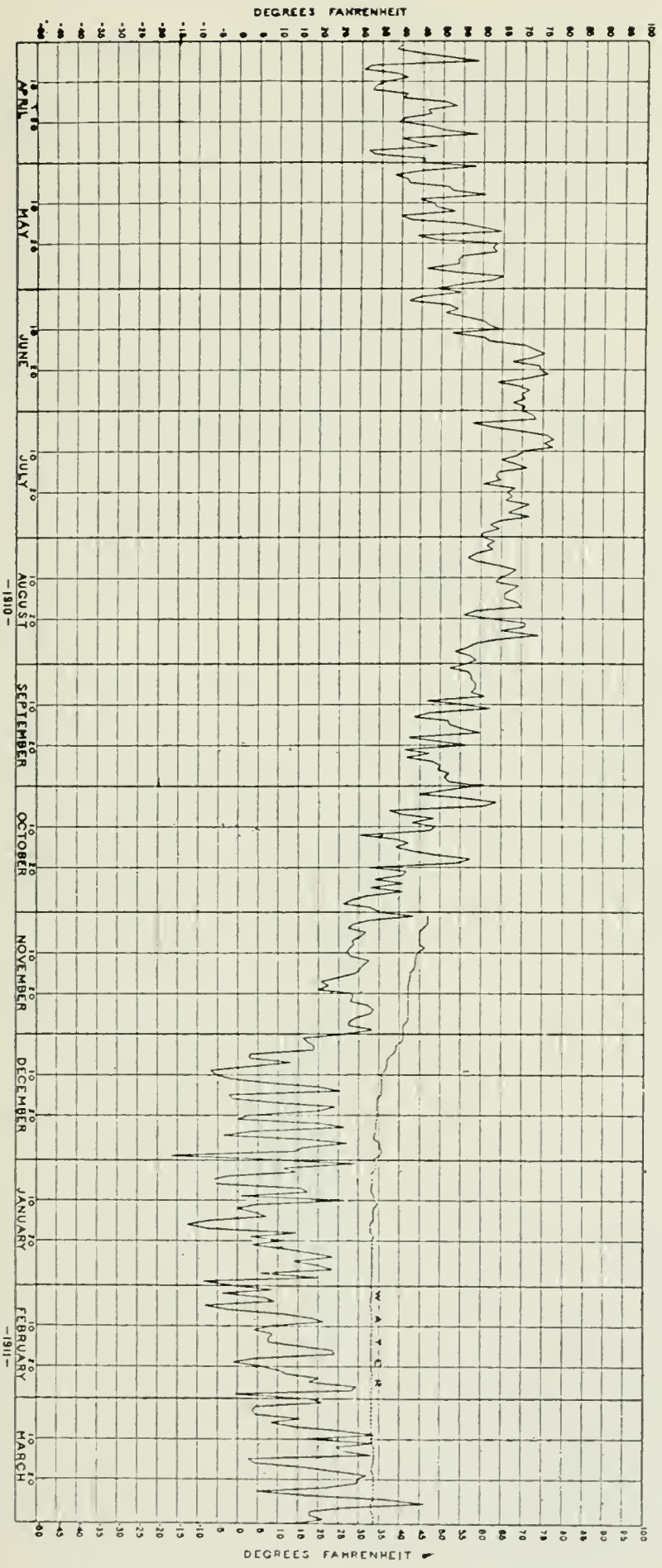

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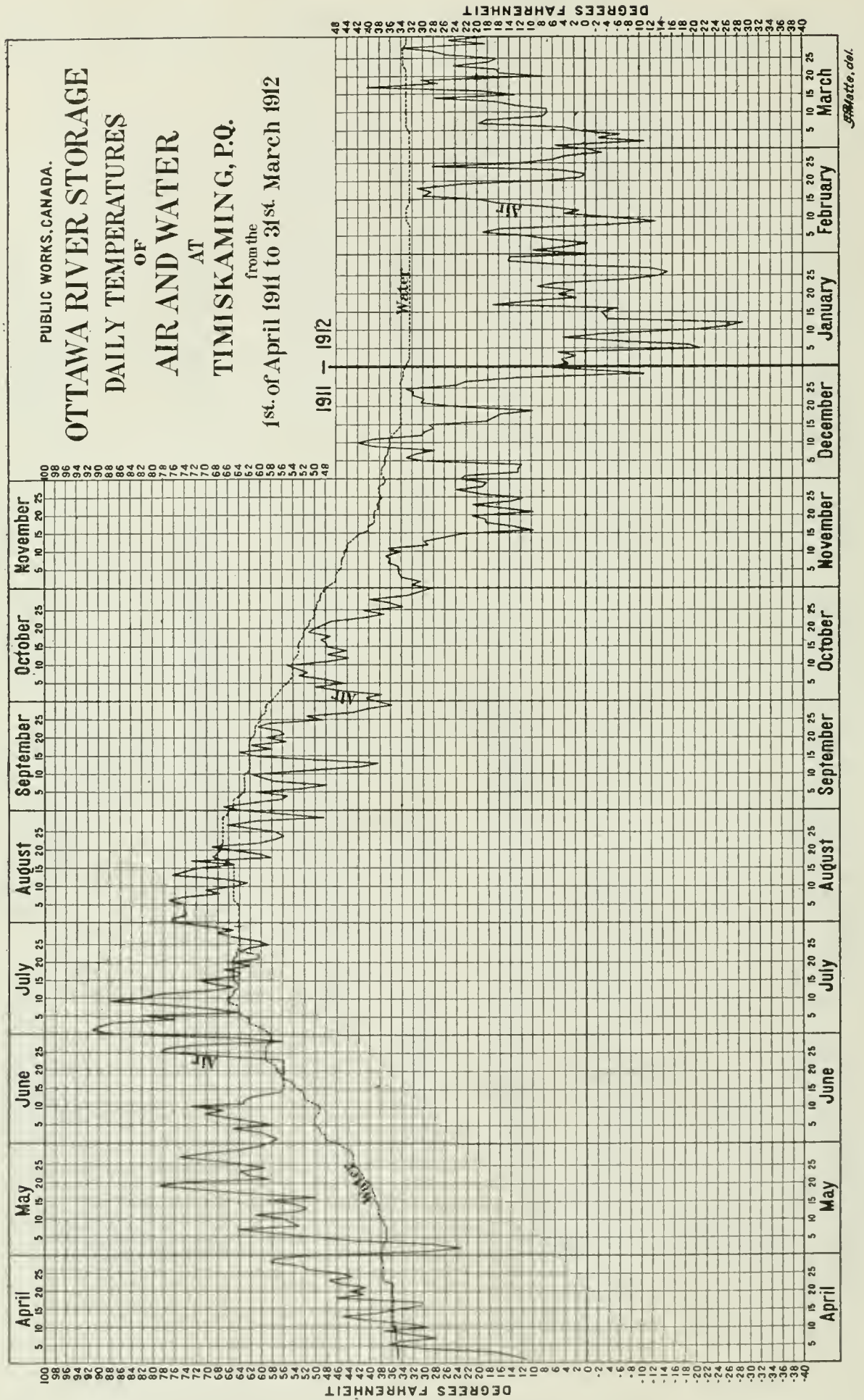
OTTAWA RIVER STORAGE

DAILY TEMPERATURES OF AIR AND WATER AT TIMISKAMING, P.Q.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OTTAWA RIVER STORAGE
DAILY TEMPERATURES
OF
AIR AND WATER
AT
TIMISKAMING, P.Q.
from the
1st. of April 1911 to 31st. March 1912
1911 — 1912
Water
Air
DEGREES FAHRENHEIT
April
May
June
July
August
September
October
November
December
January
February
March

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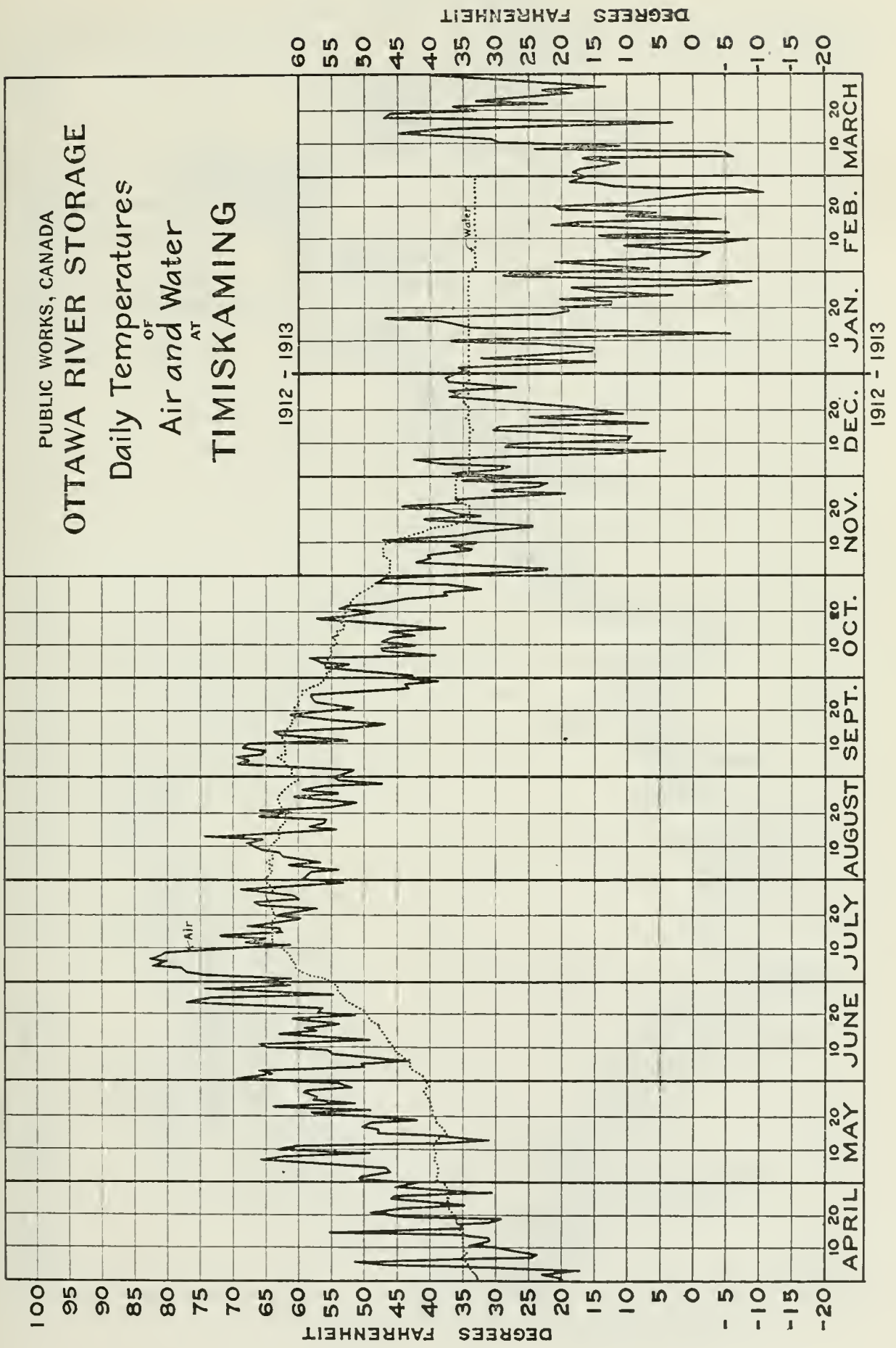
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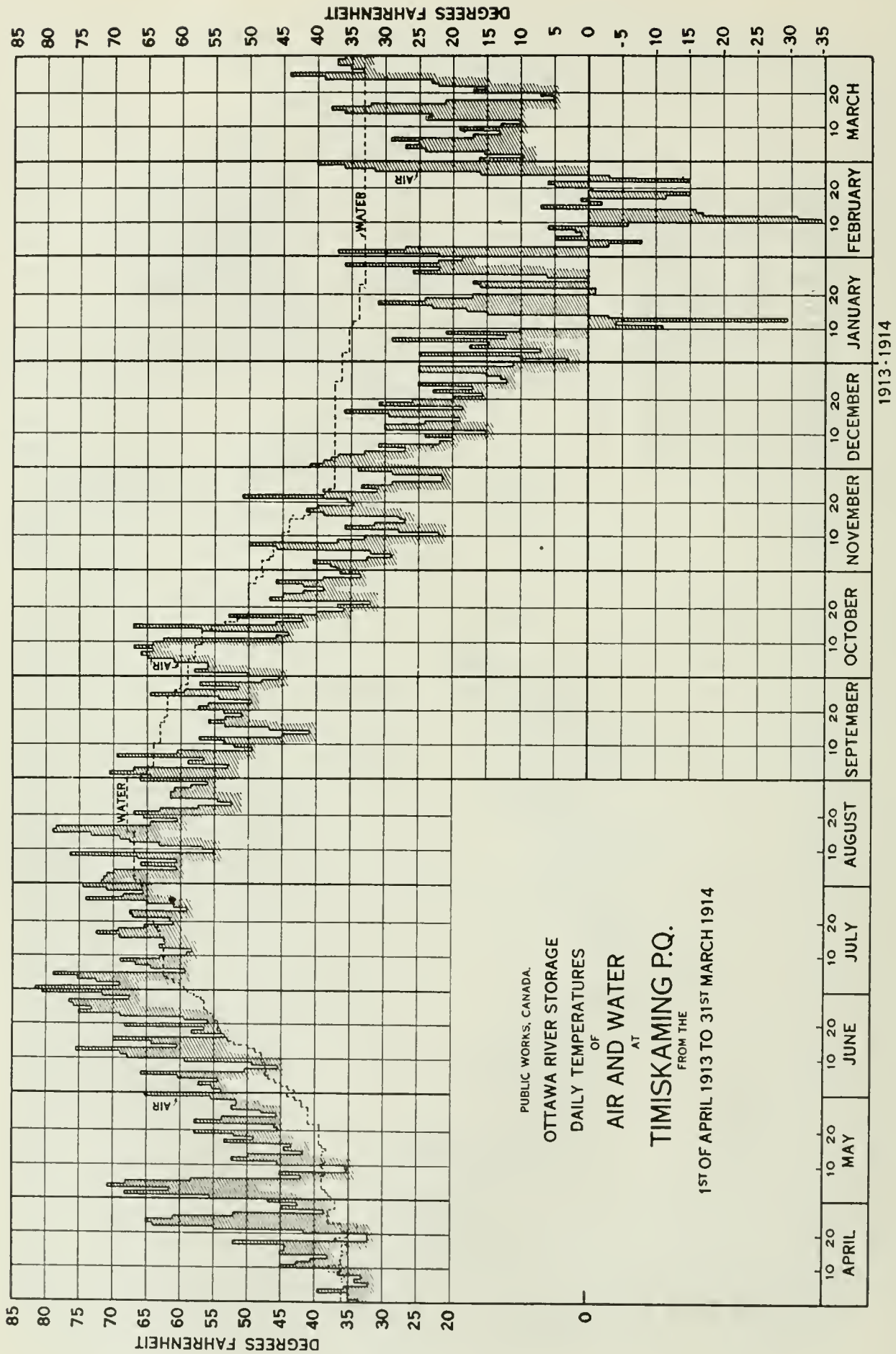
OTTAWA RIVER STORAGE
Daily Temperatures
OF
Air and Water
AT
TIMISKAMING
1912 - 1913
Air
Water
DEGREES FAHRENHEIT
100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 - 5 -10 -15 -20
APRIL MAY JUNE JULY AUGUST SEPT. OCT. NOV. DEC. JAN. FEB. MARCH
10 20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OTTAWA RIVER STORAGE
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FROM THE
1ST OF APRIL 1913 TO 31ST MARCH 1914
DEGREES FAHRENHEIT
WATER
AIR
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
1913-1914

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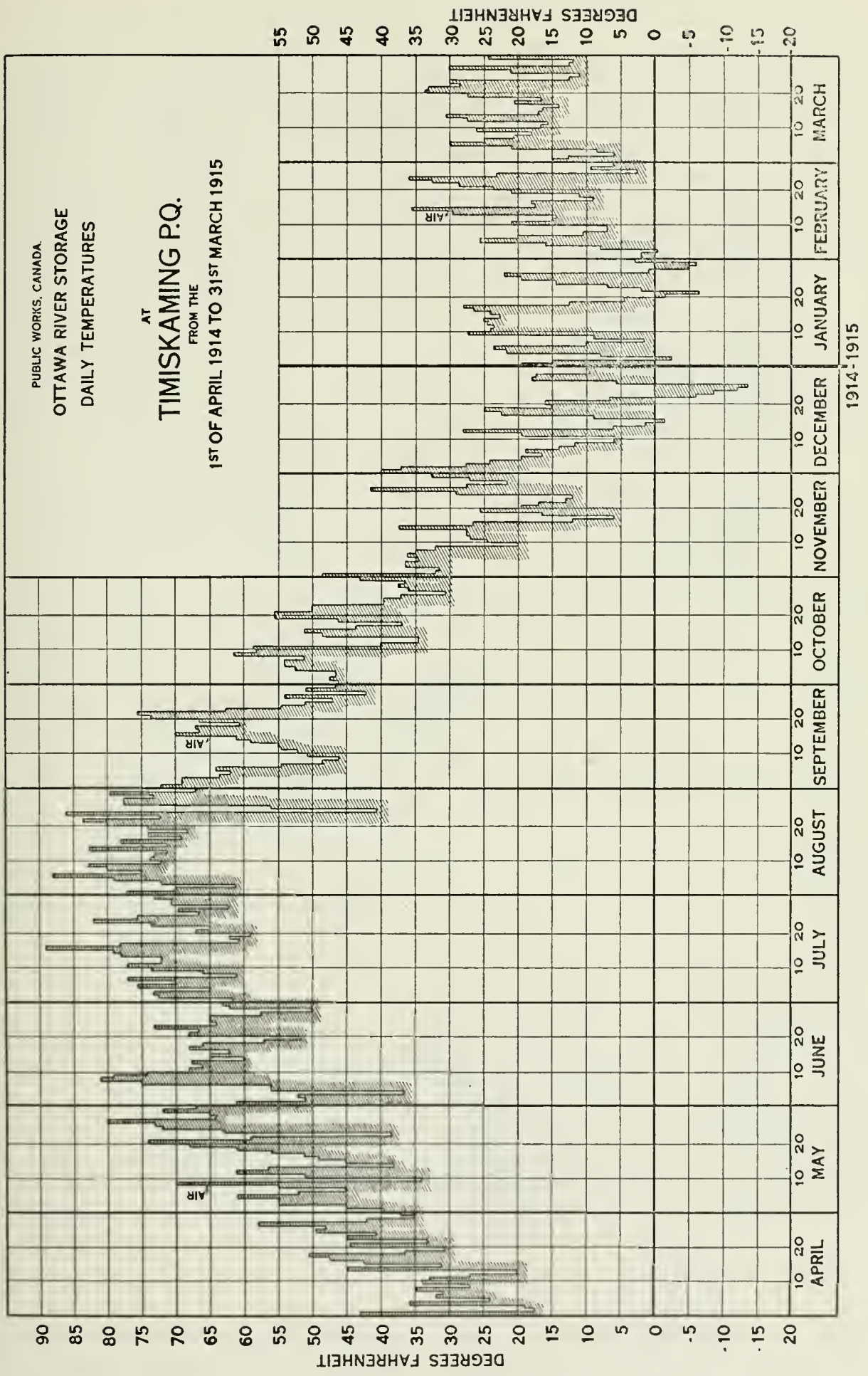

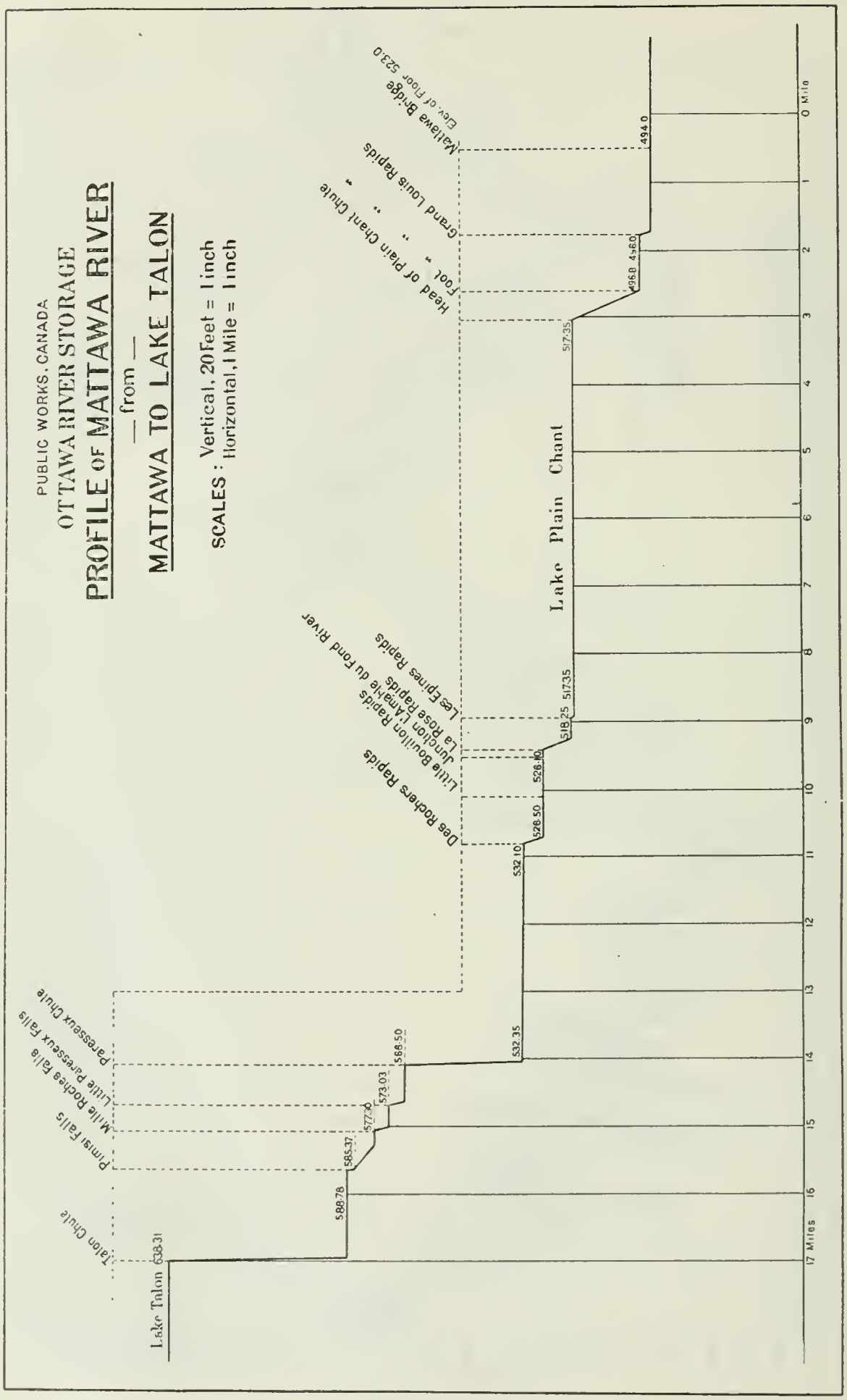
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OTTAWA RIVER STORAGE
PROFILE OF MATTAWA RIVER
— from —
MATTAWA TO LAKE TALON
SCALES: Vertical, 20 Feet = 1 inch
Horizontal, 1 Mile = 1 inch
Mattawa Bridge
Elev. of Floor 523.0
Head of Plain Chant Chute
Foot " "
Grand Louis Rapids
Des Rochers Rapids
Little Bouillon Rapids
Junction Lamaye du Fond River
La Rose Rapids
Les Epines Rapids
Lake Plain Chant
Talon Chute
Primus Falls
Mile Roches Falls
Little Paresseux Falls
Paresseux Chute
Lake Talon 638.31
494.0
496.8 496.0
517.35
518.25 517.35
526.10
526.50
532.10
532.35
568.50
573.03
577.30
585.37
588.78
0 Mile
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17 Miles

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MATTAWA RIVER AND ITS TRIBUTARIES.

Location of Gauges—Staff gauges, placed in 1905–6, are still in operation at the foot of Turtle and Talon lakes and below Pimisi bay. Those placed during the same period at Whitefish bay, Nasbonsing lake, and Kai-bus-kong river are no longer in existence. Three miles up the river from its confluence with the Ottawa, the Mattawa water surface elevations are secured daily above and below the power-house. The upper level is obtained by measuring down to the water surface from the top of the south abutment. The lower reach has a staff gauge attached to a small pier about 600 feet below the power-house. On the Amable du Fond river watershed, the gauges placed on the larger lakes and at Booth's farm, on the river, have not been visited since the completion of the Georgian Bay Canal survey.

Records available.—At the foot of Turtle lake, staff gauge readings from the 19th March, 1905, to 29th December, 1906; White Fish bay, 21st March, 1905, to 31st December, 1906; Nasbonsing lake at Bonfield, Ont., 27th March, 1905, to 31st December, 1906; Kai-bus-kong river at Menard's bridge, 4th March, 1905, to the 29th December, 1906; Talon lake 26th January, 1905, to 31st December, 1906; below Talon chute, 25th April to 31st December, 1906; below Pimisi bay, 25th February, 1905, to 31st December, 1906.

Amable du Fond watershed—Three-mile lake, 12th September, 1905, to 29th December, 1906; Tea lake, 13th September, 1905, to 29th December, 1906; Kioshkoqui lake, 3rd September, 1905, to 31st December, 1906.

Amable du Fond watershed.—Gauges were placed in September, 1905, and observations taken up to the end of 1906 on Three-mile, Tea, Manitou, and Kioshkoqui lakes, and from July, 1905, to the end of 1906 at Booth's farm on the river.

Mattawa river at Plain Chant chute.—Upper and lower gauges were read from the 3rd of June to 2nd December, 1906, 9th May to 2nd July, 1908, and from the 29th September, 1914, to date.

Drainage areas.—Foot of Turtle lake, 78 square miles; North river, 92 square miles; Foot of Nasbonsing lake, 71 square miles; Foot of Talon lake, 342 square miles; Amable du Fond river, 433 square miles; Mattawa river at Mattawa, 880 square miles.

Discharge Measurements.—Turtle lake outflow is metered below Whitefish pond 2½ miles from the lake. Nasbonsing lake outflow is metered at Menard's bridge, about 5 miles from Bonfield. The outflow from Talon lake is metered at Talon narrows above the dam.

The flow from the Amable du Fond watershed is metered near Booth's farm above Eau Claire.

For the total flow of the Mattawa river, meterings are made a short distance above the bridge at Mattawa.

Discharge Curves.—Fairly well-defined for Turtle and Nasbonsing lakes, and well defined for Talon lake and the Amable du Fond river.

Precipitation and Temperature records.—Lake Talon precipitation and temperature observations by the Dominion Meteorological Service, from 1891 to date. Precipitation and temperature observations at other points on the watershed were taken during the Georgian Bay Canal survey. These are all published by the Dominion Meteorological Service, Toronto, and are not here re-published.

Discharge Measurements of Turtle Lake at outlet to Whitefish Bay.

Date.	Made by.	Gauge Height.	Discharge.
1905.		Feet.	Sec.-ft.
Mar. 8	S. B. Johnson	641·13	40
" 30	A. L. McLennan	641·28	70
" 30	"	641·28	68
Apr. 6	"	641·55	110
" 6	"	641·55	110
" 7	"	642·00	110
" 7	"	642·00	100
" 18	"	642·15	90
May 17	"	643·30	340
" 17	"	643·30	440
" 24	"	642·30	190
" 24	"	642·30	190

Discharge Measurements of Kai-bus-kong River at Menard's Bridge.

Date.	Made by.	Water elevation.	Discharge.
1905.		Feet.	Sec.-ft.
Mar. 3	S. B. Johnson	679·55	20
Apr. 6	A. L. McLennan	679·30	150
" 6	"	679·30	150
" 7	"	679·20	140
" 7	"	679·20	140
" 12	"	679·25	130
" 12	"	679·25	130
" 19	"	679·10	120
" 19	"	679·10	100
" 19..	"	679·10	110
" 19	"	679·10	120
" 26	"	679·00	100
" 26	"	679·00	100
" 29	"	679·10	110
" 29	"	679·10	120
May 10	"	679·35	150
" 18	"	679·50	170
" 18	"	679·50	170
" 24	"	678·85	110
" 24	"	678·85	120
" 29	"	681·90	600
" 29	"	681·90	610
" 29	"	681·90	720
" 29	"	681·90	700
" 31	"	681·05	80
" 31	"	681·05	80
" 31	"	681·05	330
" 31	"	681·05	410
" 31	"	681·05	490
June 14	"	678·95	150
" 14	"	678·95	110
" 14	"	678·95	100
1914.			
Sept. —	S. B. Johnson	.....	30
1915.			
Apr. 9	G. Goodwin	.....	70

Discharge Measurements of lake Talon.

Date.	Made by.	Water Elevations on Lake Talon.	Water Elevations below Pimisi Bay.	Discharge in Sec.-ft.
1905.				
Feb. 25	S. B. Johnson	635·15	583·95	260
" 27	"	635·15	583·95	250
" 28	"	635·15	583·95	260
Mar. 11	"	634·85	584·10	200
" 14	"	634·75	584·10	200
" 14	"	634·75	584·10	210
" 27	A. L. McLennan	634·40	584·45	340
" 27	"	634·40	584·45	360
" 28	"	634·45	584·50	300
Apr. 5	"	637·35	585·50	680
" 5	"	637·35	585·50	660
" 10	"	637·75	585·65	880
" 10	"	637·75	585·65	720
" 10	"	637·75	585·65	860
" 11	"	637·95	585·70	870
" 11	"	637·95	585·70	860
" 17	"	638·05	585·75	920
" 17	"	638·05	585·75	900
" 25	"	639·05	584·20	250
" 25	"	639·05	584·20	250
" 26	"	639·35	584·20	194
" 26	"	639·35	584·20	207
May 1	"	640·75	584·70	430
" 1	"	640·75	584·70	460
" 2	"	641·05	584·80	490
" 4	"	641·30	585·15	590
" 4	"	641·30	585·15	600
" 6	"	641·55	585·25	620
" 6	"	641·55	585·25	600
" 9	"	641·85	585·55	740
" 9	"	641·85	585·55	830
" 13	"	641·70	585·40	710
" 13	"	641·70	585·40	650
" 16	"	641·85	585·45	720
" 16	"	641·85	585·45	710
" 22	"	642·15	585·80	860
" 22	"	642·15	585·80	920
June 6	"	641·55	586·10	930
" 10	"	640·65	585·60	330
" 12	"	640·65	585·70	200
" 16	"	640·25	586·25	1,170
" 16	"	640·25	586·25	1,070
" 23	"	639·35	586·10	1,160
" 23	"	639·35	586·10	1,130
July 13	"	638·75	583·40	65
Aug. 25	"	634·75	584·30	135
" 26	"	634·70	583·30	173
1906.				
July 17	W. J. Boulton	637·85	584·20	220
" 18	"	637·95	584·20	.....
1914.				
Sept. 11	S. B. Johnson	635·88	583·80	120

Discharge Measurements of Amable du Fond River at Booth's Farm.

Date.	Made by.	Water Elevation.	Discharge. in Sec.-ft.
1905.			
May 12	A. L. McLennan		630
" 12	"		600
June 24	"		460
" 24	"		420
July 14	"	753·90	635
Aug. 29	"	752·00	165
Sept. 14	"	752·05	220
" 28	"	751·80	195
Dec. 8	J. J. Collins	751·80	290
" 8	"	751·80	280
" 8	"	751·80	270
" 9	"	751·70	240
" 9	"	751·70	250
" 28	"	752·00	250
1906.			
Mar. 2	S. B. Johnson	752·30	180
" 2	"	752·30	160
" 27	W. J. Boulton	752·90	210
Apr. 27	"	753·00	460
" 27	"	753·00	550
" 27	"	753·00	485
" 28	"	752·60	370
" 28	"	752·60	380
May 1	"	754·25	540
" 1	"	754·25	600
" 1	"	754·25	620
" 1	"	754·25	720
" 1	"	754·25	810
" 1	"	754·25	710
" 1	"	754·75	480
" 2	"	754·75	550
" 2	"	756·55	1,070
" 3	"	756·55	1,020
" 3	"	756·55	1,105
" 3	"	756·55	970
" 3	"	756·40	970
" 4	"	756·25	960
" 5	"	755·10	980
" 8	"	755·10	950
" 8	"	754·70	870
" 9	"	754·70	850
" 9	"	754·70	846
" 9	"	754·70	860
" 10	"	754·70	930
" 10	"	754·70	810
" 11	"	754·70	865
" 12	"	754·70	910
" 17	"	754·80	835
" 18	"	754·75	810
" 19	"	754·75	860
" 19	"	754·85	930
" 21	"	754·85	860
" 21	"	754·90	1,000
" 22	"	754·90	960
" 22	"	754·90	940
" 22	"	754·90	965
" 22	"	755·20	950
" 23	"	755·20	980
" 23	"	755·20	1,010
May 23	W. J. Boulton	755·20	1,020
" 23	"	755·45	1,010
" 24	"	755·45	1,060
" 24	"	754·80	980
" 25	"	754·80	920
" 25	"	754·80	880
" 25	"	754·80	910
" 25	"	755·40	1,090
" 26	"	755·10	1,110
" 28	"	755·25	1,130
" 29	"	755·25	1,120
" 29	"	755·25	1,130
" 29	"	755·25	1,125
" 29	"	755·20	1,100
" 30	"	755·15	1,090
" 31	"	755·15	1,130
" 31	"	755·15	1,090
" 31	"	755·15	1,140
" 31	"	755·15	1,130

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DISCHARGE MEASUREMENTS of Amable du Fond River at Booth's Farm.

Date.	Made by.	Water Elevation.	Discharge. in Sec.-ft.
1906.		Feet.	Sec.-ft.
June 1	"	755·00	1,090
" 1	"	755·00	990
" 1	"	755·00	1,070
" 1	"	755·00	1,070
" 1	"	755·00	1,070
" 1	"	755·00	1,090
" 2	"	754·80	1,010
" 4	"	755·55	1,120
" 4	"	755·55	1,210
" 4	"	755·55	1,120
" 4	"	755·55	1,130
" 5	"	755·20	1,210
" 5	"	755·20	1,200
" 5	"	755·20	1,170
" 6	"	755·20	1,060
" 6	"	755·20	1,130
" 6	"	755·20	1,120
" 6	"	755·20	1,140
" 6	"	755·20	1,170
" 7	"	754·95	1,080
" 7	"	754·95	1,060
" 7	"	754·95	1,000
" 7	"	754·95	1,050
" 7	"	754·95	1,045
" 8	"	755·25	1,260
" 18	"	751·70	285
" 18	"	751·70	286
" 21	"	755·10	1,150
" 21	"	755·10	1,105
" 22	"	754·75	1,010
" 22	"	754·75	1,005
" 23	"	754·55	1,020
" 25	"	751·80	300
" 25	"	751·80	290
" 27	"	754·20	880
" 27	"	754·20	870
" 28	"	754·15	830
" 29	"	754·00	775
" 29	"	754·00	780
" 29	"	754·00	765
" 30	"	754·10	740
July 3	"	751·70	265
" 3	"	751·70	445
" 3	"	751·70	505
" 3	"	751·70	585
" 3	"	751·70	620
" 4	"	753·70	730
" 5	"	753·60	690
" 5	"	753·60	605
" 6	"	753·30	555
" 13	"	750·85	180
" 14	"	750·85	175

OTTAWA RIVER AT MATTAWA.

Location of Gauge.—Staff gauge on the outer end downstream corner of the old wharf opposite the Rosemont hotel, Mattawa.

Records available.—Gauge readings from 1st of May to the 10th of August, 1906; 9th May to the 26th June, 1908; and from the 11th April, 1909, to date.

Drainage area.—19,660 square miles, including the Mattawa river.

OTTAWA RIVER AT KLOCK STATION.

Location of Gauge.—Standard weight and chain gauge on south shore of the river at the village.

Records available.—Gauge readings from 23rd October to 10th December, 1904; 1st April to 22nd October, 1905; 19th February to 31st December, 1906; 1st May to 1st July, 1908; and from the 7th April, 1909, to date.

Drainage area.—19,880 square miles total drainage area to the metering section, 6 miles below Klock station.

Discharge measurements.—These were first made at a point about 5 miles above Deux Rivières. This section never proved satisfactory owing to the swiftness of the current, the unevenness of the shores above and below the section and a very rough bottom. A new section was located about one-half mile above the La Vielle rapids, the mean velocity of which at high water was found to be 2 feet per second, being less than the upper section. The river bed is smooth and the banks fairly straight and even.

Discharge Curve.—Although only a limited number of meterings have been made, the curve may be considered as fairly accurate. During the winter months, however, gauge readings are entirely unreliable as a criterion of the flow. Ice at times chokes the channel below the gauge to such an extent that the water will rise over a foot while the flow past the section is considerably reduced. Log jams, during the summer months, also have the same effect on the flow.

DISCHARGE MEASUREMENTS of Ottawa River at Deux Rivières from the 15th May, 1905, to the 31st March, 1915.

Date.	Made by	Water elevations.	Discharge in Sec.-ft.
1905.			
May 15	S. B. Johnson	484·90	44,510
July 31	"	480·15	22,060
Oct. 6	A. L. McLennan	476·95	14,020
1906.			
May 11	J. J. Collins	489·25	67,160
1907.			
June 12	S. B. Johnson	491·06	77,100
1908.			
May 19	S. B. Johnson	490·56	75,010
" 20	"	490·66	75,450
" 22	"	490·86	78,080
June 1	"	492·06	83,250
" 10	"	491·66	81,640
" 17	"	490·46	75,800
1909.			
May 31	S. B. Johnson	496·30	111,500
1911.			
Feb. 23	S. B. Johnson	477·85	5,850
Mar. 10	"	478·05	7,290
" 18	"	477·25	7,870
1913.			
May 15	W. E. Blue	482·49	44,930

MAGANASIBI RIVER.

Location of Gauge.—Staff gauge on downstream side of west pier of highway bridge, 1 mile from the mouth.

Records Available.—Gauge is read only at such times when the Maganasibi and Ottawa rivers are being metered.

Drainage Area.—234 square miles.

Discharge Measurements.—These are made from the highway bridge, 1 mile upstream.

Discharge Curve.—Apparently accurate within 2 per cent of the actual flow.

DISCHARGE MEASUREMENTS of Maganasibi River, from the 1st June, 1905, to the 29th May, 1908.

Date.	Made by	Water Elevation assumed Datum.	Discharge in Sec.-ft.
1905.			
June 1	S. B. Johnson	102·23	621
Aug. 1	"	101·55	188
Oct. 7	A. L. MacLennan	101·02	76
1906.			
May 12	J. J. Collins	102·45	782
1907.			
June 12	S. B. Johnson	102·34	699
1908.			
May 21	S. B. Johnson	102·84	1,065
" 29	"	102·38	725

DUMOINE RIVER.

Location of Gauge.—Standard weight and chain gauge, 1 mile upstream from the mouth of the river.

Records Available.—Gauge readings from 21st April, 1913, to date.

Drainage Area.—1,517 square miles.

Discharge Measurements.—These are made about 1½ mile upstream, from a row-boat held in position by a rope and cable.

Discharge Curve.—The number of meterings made are not sufficient to make a well-defined curve.

DISCHARGE MEASUREMENTS of the Dumoine River, from the 2nd June, 1905, to the 26th February, 1914.

Date.	Made by	Water elevation.	Discharge in Sec.-ft.
1905.			
June 2	S. B. Johnson	450·4	4,000
Aug. 2	"	447·6	1,930
Oct. 5	A. L. MacLennan	446·3	670
1908.			
May 12	S. B. Johnson	456·2	6,420
" 28	"	455·6	5,880
1913.			
May 16	A. A. Anderson	449·4	4,670
1914.			
Feb. 26	G. M. Brown	445·9	840

PETAWAWA RIVER.

Location of Gauge.—A staff gauge is placed on a pier near the east shore of the river and a short distance below the highway bridge leading to the military camp. This gauge takes the place of the one previously used above the Canadian Pacific railway bridge. The latter was placed directly at the head of the Third chute, and was frequently interfered with by logs during the summer months, as well as by ice in the winter.

Records Available.—Old gauge above Third chute, 5th April to 15th November, 1905; 4th May to 27th June, 1908; 20th April to 18th December, 1909; 4th January, 1910, to 31st August, 1913. New gauge below highway bridge 2nd April, 1913, to date.

Drainage Area.—1,586 square miles.

Discharge Measurements.—The majority of the meterings have been made from the highway bridge leading to the military camps. Winter measurements and some of the later summer ones were made about three-quarters of a mile above Third chute, from a row-boat. The upper section proved more satisfactory than the one at the bridge, the current being more even and not so swift.

Discharge Curve.—This is not accurate. The lower reach of the river is composed of a series of falls and rapids, with intervening stretches of swift water. At the head of these chutes, logs frequently jam, causing a variation in the relation between the water surface levels and the flow.

Winter Flow.—The discharge relation is affected by ice.

DISCHARGE MEASUREMENTS of the Petawawa River.

Date.	Made by	Water Elevations.		Discharge in Sec.-ft.
		Upper gauge.	Lower gauge.	
1905.				
April 27	S. B. Johnson	439·24	415·85	1,864
June 17	"	440·70	417·32	4,000
Aug. 3	F. W. Anderson	439·69	416·30	2,647
Oct. 4	"	437·94	414·55	606
1908.				
May 18	S. B. Johnson	442·04	418·64	6,994
1909.				
April 20	S. B. Johnson	440·00	416·62	4,190
May 4	"	440·10	416·72	4,540
July 30	"	439·85	416·45	3,480
Sept. 11	"	438·50	415·12	1,465
1910.				
Mar. 19	S. B. Johnson	438·11	414·73	820
1911.				
Dec. 6	S. B. Johnson	437·75	414·36	340
1913.				
Feb. 21	S. B. Johnson	439·10	415·72	1,010
May 17	"	.....	416·47	3,210
1914.				
Feb. 26	S. B. Johnson	.....	420·32	510

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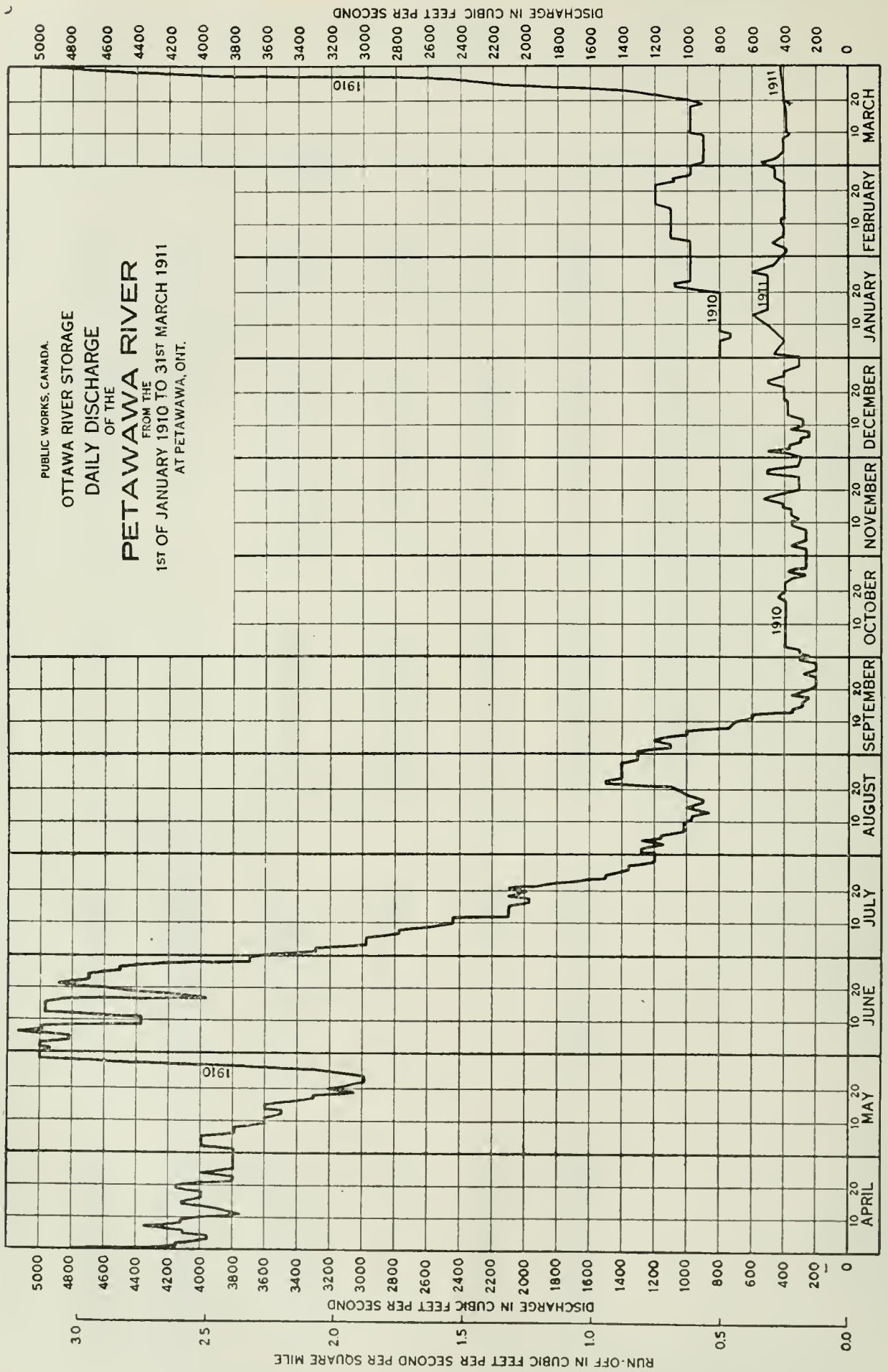
Monthly Discharge of Petawawa River near Petawawa, for 1910–12 and 1913–15.

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square Mile.	Depth in inches on Drainage Area.	Per cent of rainfall.		
1910.								
January	1,100	750	932	0·583	0·672	56	16·42	1·19
February	1,200	1,000	1,096	0·685	0·713	100	9·50	0·71
March	5,000	900	1,587	0·992	1·144	147	29·27	0·7
The period	5,000	750	1,209	0·756	2·529	94	18·40	2·63
1910–11.								
April	4,300	3,800	3,987	2·492	2·781	306	44·76	0·91
May	5,000	2,900	3,623	2·264	2·610	198	52·05	1·32
June	5,100	3,800	4·640	2·900	3·237	216	59·86	1·50
July	3,300	1,250	2,168	1·355	1·562	59	65·29	2·66
August	1,600	850	1,200	0·750	0·865	27	62·45	3·21
September	1,350	200	507	0·317	0·354	49	51·64	0·72
October	400	300	366	0·229	0·264	9	44·14	3·08
November	500	300	375	0·234	0·261	15	29·75	1·77
December	500	250	360	0·225	0·259	42	9·90	0·62
January	600	450	510	0·319	0·368	55	8·44	0·67
February	500	400	441	0·276	0·287	16	9·61	1·84
March	700	350	463	0·289	0·333	28	19·37	1·20
The year	5,100	200	1,553	0·971	13·181	71	38·11	19·50
1911–12.								
April	4,600	410	2,420	1·513	1·689	111	35·7	1·52
May	4,250	2,320	3,100	1·938	2·235	80	57·6	2·81
June	2,500	1,700	2,070	1·294	1·444	34	60·5	4·20
July	1,700	600	930	0·581	0·670	38	68·2	1·74
August	600	470	540	0·338	0·390	14	65·3	2·79
September	470	260	380	0·228	0·254	10	53·2	2·46
October	470	330	380	0·228	0·263	9	43·3	3·01
November	500	430	460	0·288	0·321	15	26·7	2·11
December	830	500	650	0·406	0·468	34	22·2	1·35
January	860	670	800	0·500	0·577	22	−4·3	2·63
February	780	720	750	0·470	0·507	16	7·4	3·21
March	830	600	709	0·443	0·511	88	16·3	0·58
The year	4,600	260	1,099	0·686	9·329	33	37·7	28·41
1913–14.								
April		6,756	4,910	6,004	3·753	4·188	310	1·35
May		5,576	2,842	3,893	2·433	2·805	138	2·04
June		2,842	1,424	2,373	1·483	1·655	192	0·86
July		3,002	1,544	2,206	1·378	1·589	68	2·31
August		1,544	256	687	0·429	0·495	14	3·46
September		256	94	162	0·101	0·113	40	2·80
October		134	62	74	0·046	0·053	18	3·00
November		510	112	265	0·165	0·184	51	3·64
December		582	510	556	0·347	0·400	29	1·36
January		1,000	582	642	0·401	0·462	14	3·18
February		2,230	702	1,416	0·885	0·921	38	2·45
March		1,666	510	1,264	0·790	0·911	13	0·69
The year		6,756	62	1,624	1·015	13·776	51	27·14
1914–15.								
April		3,162	480	1,285	0·813	0·907	38	2·33
May		4,314	1,424	2,922	1·849	2·132	188	1·13
June		1,666	1,202	1,388	0·878	0·980	30	3·25
July		3,482	1,000	2,405	1·516	1·748	115	1·52
August		1,798	480	1,232	0·777	0·896	37	2·45
September		764	358	569	0·359	0·401	14	2·79
October		358	226	291	0·183	0·211	08	2·49
November		438	256	333	0·210	0·234	05	4·35
December		764	398	495	0·312	0·360	16	2·18
January		582	286	380	0·240	0·277	12	2·36
February		438	318	387	0·244	0·254	28	0·89
March		398	256	312	0·197	0·227	23	0·01
The year		4,314	226	1,006	0·634	8·627	34	25·75

Note.—Precipitaion figures taken from Stonecliffe.
Note.—Precipitation and temperature taken from Stonecliff, Ont.
Log jams occurred during the spring of 1912 and remained during the greater part of the summer.


PUBLIC WORKS, CANADA.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
PETAWAWA RIVER
FROM THE
1ST OF JANUARY 1910 TO 31ST MARCH 1911
AT PETAWAWA, ONT.
DISCHARGE IN CUBIC FEET PER SECOND
RUN-OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
1910
1911

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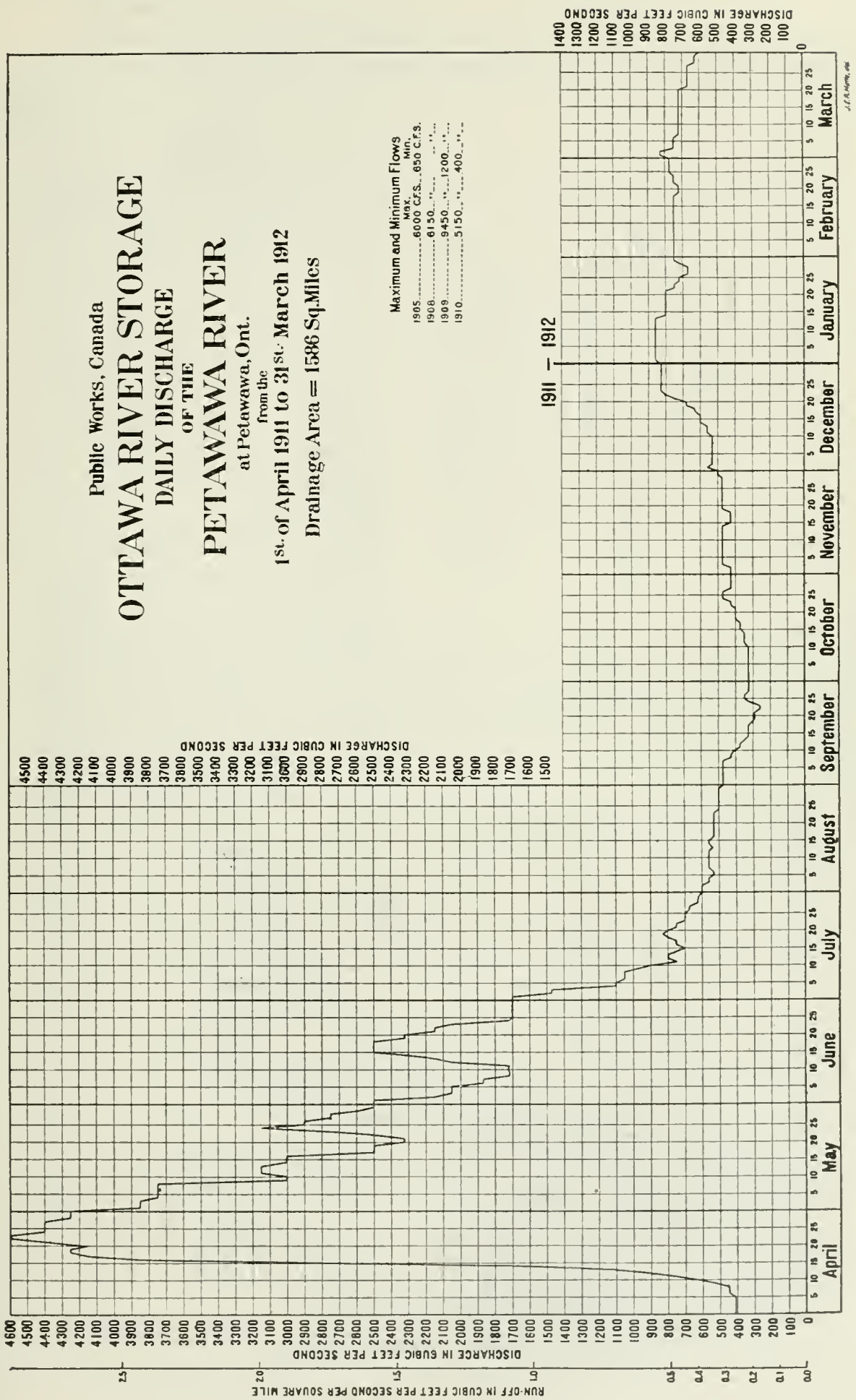

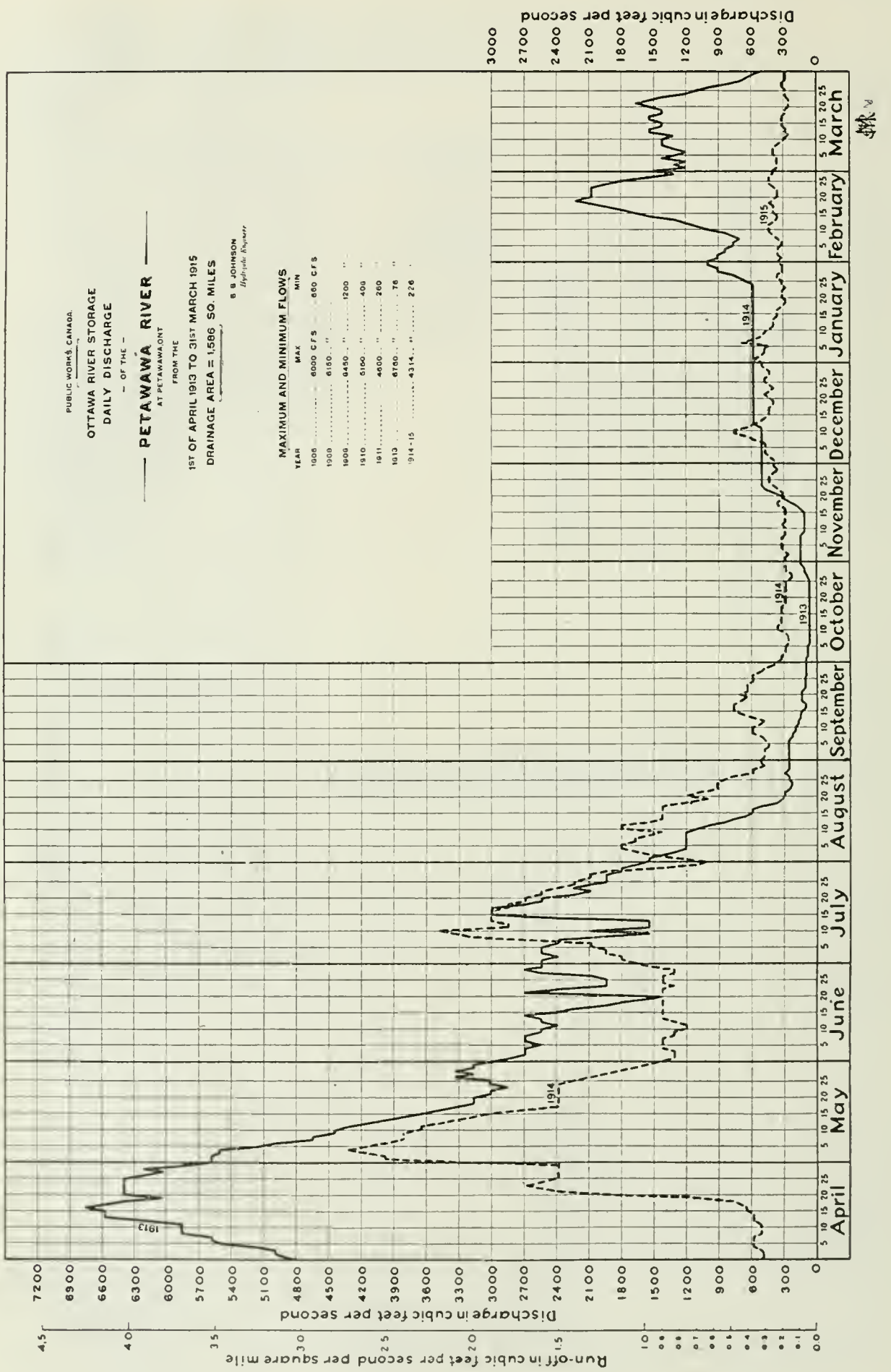
PUBLIC WORKS CANADA
OTTAWA RIVER STORAGE
DAILY DISCHARGE
— OF THE —
PETAWAWA RIVER
AT PETAWAWA ONT
FROM THE
1ST OF APRIL 1913 TO 31ST MARCH 1915
DRAINAGE AREA = 1,586 SQ. MILES
B. B. JOHNSON
Hydraulic Engineer
MAXIMUM AND MINIMUM FLOWS
YEAR MAX MIN
1906 ..... 6000 C.F.S. ..... 650 C.F.S.
1909 ..... 6150 " ..... "
1909 ..... 6450 " ..... 1200 "
1910 ..... 5150 " ..... 400 "
1911 ..... 4600 " ..... 260 "
1913 ..... 6700 " ..... 76 "
1914-15 ..... 4314 " ..... 226 "
Discharge in cubic feet per second
Run-off in cubic feet per second per square mile
April
May
June
July
August
September
October
November
December
January
February
March
1913
1914
1915

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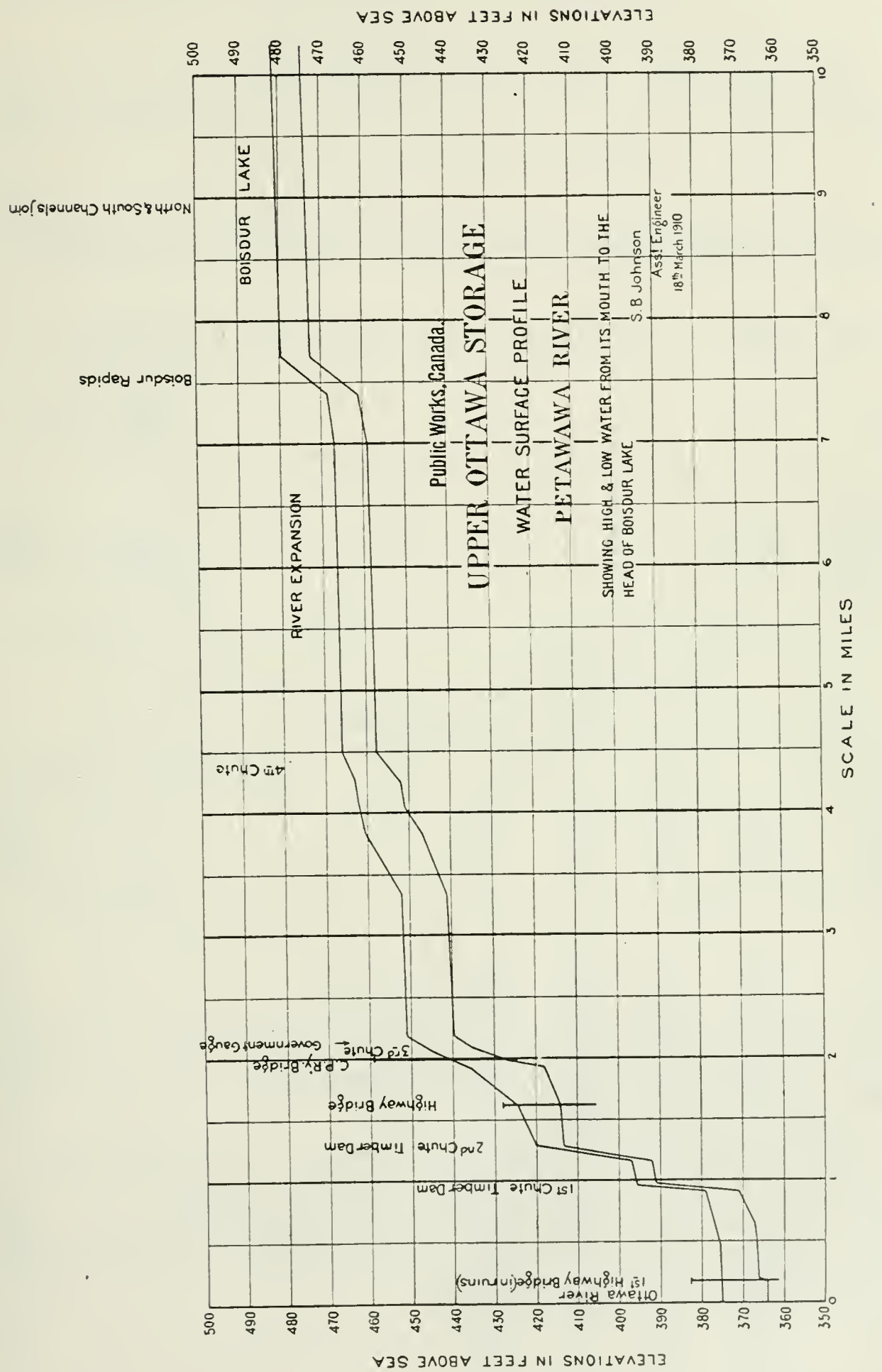
UPPER OTTAWA STORAGE
WATER SURFACE PROFILE
PETAWAWA RIVER
SHOWING HIGH & LOW WATER FROM ITS MOUTH TO THE HEAD OF BOISDUR LAKE
Public Works, Canada.
S.B. Johnson
Asst Engineer
18th March 1910
BOISDUR LAKE
RIVER EXPANSION
Boisdur Rapids
North & South Channels join
4th Chute
3rd Chute
C.P.Ry. Bridge
Government Gauge
Highway Bridge
2nd Chute Timber Dam
1st Chute Timber Dam
Ottawa River
1st Highway Bridge (in ruins)
ELEVATIONS IN FEET ABOVE SEA
SCALE IN MILES
500 490 480 470 460 450 440 430 420 410 400 390 380 370 360 350
0 1 2 3 4 5 6 7 8 9 10

PEMBROKE, ONT. (OTTAWA RIVER).

Location of Gauge.—Staff guage on steamboat wharf.

Records Available.—Gauge readings from 14th February, 1905 to 3rd February, 1906; from 10th May to 31st December, 1906; and from 1st April, 1912, to date.

CULBUTE CHANNEL (OTTAWA RIVER).

Discharge Measurements.—Meterings were made from the bridge at Chapeau and from a row-boat held in position by the ferryman's cable near Waltham.

Discharge Curve.—Not well defined.

DISCHARGE MEASUREMENTS of the Culbute Channel, Ottawa River.

Date.	Made by	Water elevation, La Passe.	Discharge in Sec.-ft.
1905.			
May 18		350·21	4,304
" 31		350·01	5,250
Aug. 16		344·76	2,790
Nov. 13		344·36	3,020
1907.			
June 14		352·32	7,460

DISCHARGE MEASUREMENTS of the Muskrat River.

(Drainage Area, 440 square miles.)

Date.	Made by	Water elevation.	Discharge. in sec.-ft.
1905.			
April 28	S. B. Johnson	380·65	400
June 16	"	380·60	440
Aug. 4	"	377·08	200

BLACK RIVER AT WALTHAM.

Location of Gauge.—Staff gauge on downstream side of bridge pier dividing the power-house head-race from the main river channel.

Records Available.—Gauge readings from 26th April to 15th November, 1905; 17th May, 1909, to date.

Drainage Area.—950 square miles.

Discharge Measurements.—Made from a row-boat a short distance above the bridge. A cable and rope are stretched across the stream during the meterings from which to obtain the distances and hold the boat in position.

Discharge Curve.—Fairly well defined. At low-water periods the water surface elevation is partially controlled by the manipulation of the head-gates at the power-house.

Winter Flow.—Evidently affected by ice.

Discharge Measurements of the Black River at Waltham.

Date.	Made by	Water elevation.	Discharge in sec.-ft.
1905.			
May 31	S. B. Johnson	480·95	3,998
June 29	"	480·59	1,858
Aug. 15	"	479·49	547
Nov. 13	"	479·84	816
1907.			
June 15	"	481·12	3,250*
1908.			
May 21	"	482·65	7,411
" 22	"	482·45	6,710
1913.			
Mar. 15	A. Kirkpatrick	479·65	600
" 29	"	481·17	2,540
April 18	"	482·37	4,960
May 20	W. E. Blue	480·65	2,380
1914.			
	G. B. Anderson	478·55	370
Aug. 15	"	478·82	430
" 21	"	479·44	300
" 22	"	479·10	250
Sept. 5	"	478·95	220
1915.			
Jan. 21	"	479·49	360
Feb. 18	"	479·40	300
Mar. 18	A. Kirkpatrick	479·29	310
April 20	T. Curtis	481·23	2,620

Monthly Discharge of Black River near Waltham, Que., for 1905 to 1911.

Month.	Discharge in Second-feet.				Depth in inches on Drainage area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1905.					
April	4,200	2,800	3,500	3·684	4·111
May	5,700	3,600	4,860	5·116	5·899
June	5,300	1,400	3,040	3·200	3·571
July	2,200	800	1,457	1·533	1·768
August	1,050	400	650	0·684	0·789
September	950	400	680	0·716	0·799
October	1,900	600	1,000	1·052	1·213
The period	5,700	600	.....	.....	.....
1909-10.					
April	5,620	1,760	3,380	3·560	3·973
May	9,550	6,300	7,360	7·747	8·932
June	6,250	2,900	5,090	5·358	5·980
July	8,100	2,250	3,440	3·621	4·175
August	8,100	1,850	3,160	3·326	8·835
September	1,900	700	1,280	1·347	1·503
October	950	700	830	0·874	1·008
November	1,200	950	1,020	1·074	1·199
December	1,550	1,200	1,390	1·463	1·687
January	1,450	1,100	1,260	1·326	1·529
February	1,100	850	960	1·011	1·052
March	5,200	1,000	2,900	3·053	3·520
The year	9,550	700	2,670	2·647	3·199
1910-11.					
April	7,000	2,800	5,210	5·484	6·120
May	4,500	1,100	2,440	2·568	2·960
June	5,400	1,900	3,640	3·726	4·150
July	1,900	500	1,160	1·221	1·407
August	1,350	300	560	0·589	0·679
September	1,600	700	1,030	1·092	1·218
October	1,700	850	1,160	1·221	1·407
November	1,150	850	960	1·011	1·128
December	1,200	800	950	0·958	1·105
January	800	700	750	0·789	0·910
February	800	700	730	0·768	0·799
March	800	750	790	0·831	0·958
The year	7,000	300	1,615	1·688	1·904

Monthly Discharge of Black River near Waltham, Que., for 1911 to 1915.

Month.	Discharge in Second-feet.				Depth in inches on Drainage area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1911–12.					
April	8,100	800	3,910	4·115	4·592
May	8,100	3,610	5,790	6·094	7·026
June	4,400	1,600	3,070	3·231	3·606
July	1,600	500	910	0·954	1·100
August	1,100	460	840	0·882	1·017
September	1,050	630	760	0·804	0·897
October	1,570	600	900	0·947	1·095
November	1,570	1,400	1,480	1·562	1·743
December	1,400	530	966	1·010	1·165
January	580	500	540	0·568	0·655
February	520	430	460	0·484	0·504
March	450	370	400	0·421	0·485
The year	8,100	370	1,440	1·756	24·245
1912–13.					
April	7,270	430	2,990	3·14	3·51
May	6,240	4,320	5,292	5·57	6·42
June	5,850	4,150	4,757	5·00	5·59
July	4,130	720	1,970	2·07	2·39
August	1,380	720	1,046	1·10	1·27
September	3,330	1,380	2,155	2·26	2·53
October	2,800	800	1,797	1·89	2·18
November	4,390	1,480	2,728	2·87	3·20
December	1,340	560	832	0·88	1·01
January	560	470	505	0·53	0·61
February	510	390	436	0·45	0·48
March	3,330	260	1,195	1·26	1·45
The year	7,270	260	2,145	2·26	30·65
1913–14.					
April	7,202	3,478	5,517	5·86	6·48
May	6,936	1,685	3,012	3·17	3·67
June	2,680	770	1,500	1·58	1·76
July	860	450	608	0·64	0·74
August	450	270	357	0·38	0·43
September	405	270	345	0·36	0·40
October	1,180	405	683	0·72	0·83
November	2,414	770	1,369	1·44	1·61
December	1,495	690	939	0·99	1·14
January	860	565	679	0·72	0·82
February	910	565	634	0·67	0·69
March	565	425	470	0·50	0·57
The year	7,202	270	1,339	1·41	19·14
1914–15.					
April	3,810	450	1,516	1·595	1·780
May	4,160	973	1,907	2·007	2·314
June	1,660	450	951	1·001	1·117
July	1,660	334	1,238	1·303	1·502
August	334	206	248	0·261	0·301
September	334	235	264	0·277	0·309
October	450	226	342	0·360	0·415
November	1,184	226	608	0·640	0·714
December	1,250	450	749	0·788	0·909
January	540	385	475	0·500	0·576
February	450	363	404	0·425	0·442
March	540	385	431	0·453	0·522
The year	4,160	206	769	0·809	10·901

Note.—Figures for the month of April, 1909, were estimated by taking the mean of 4 years records at the same station and for the same month.

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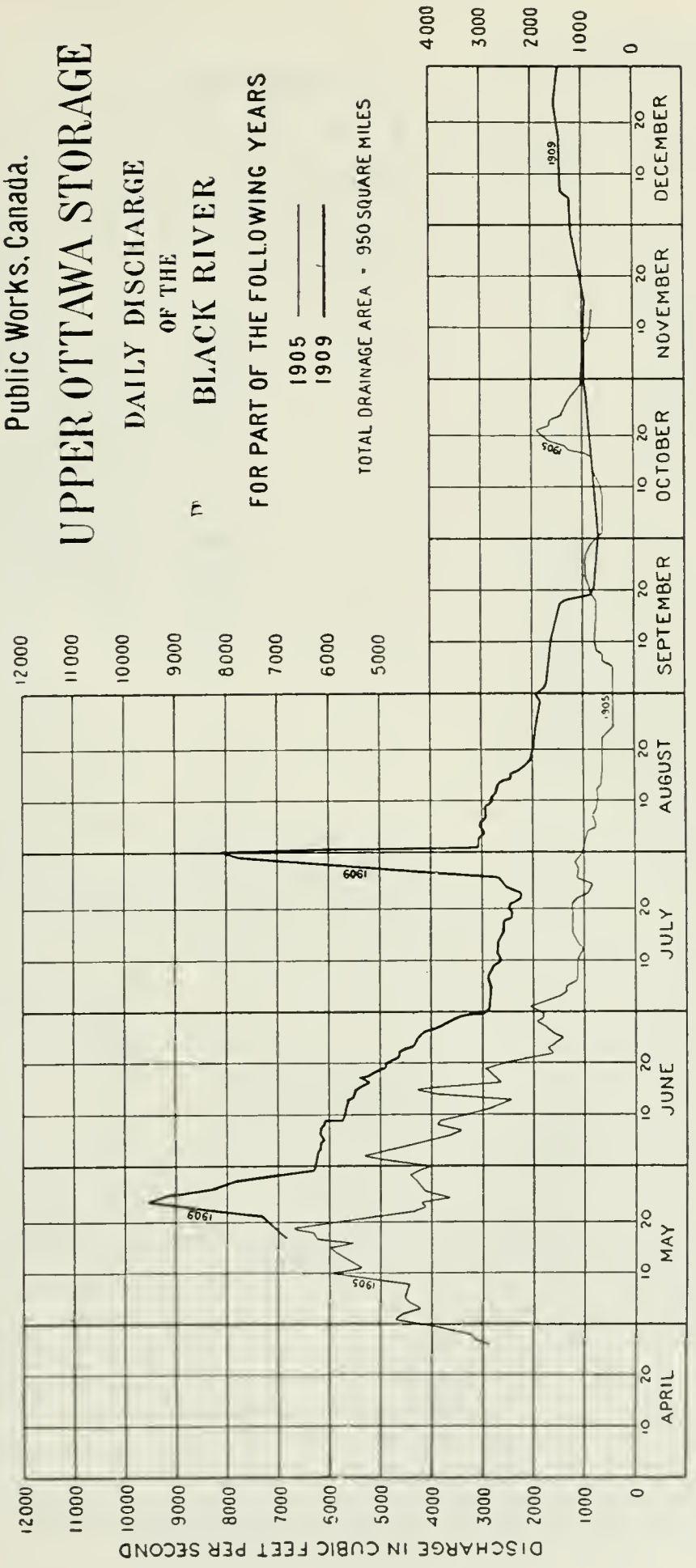

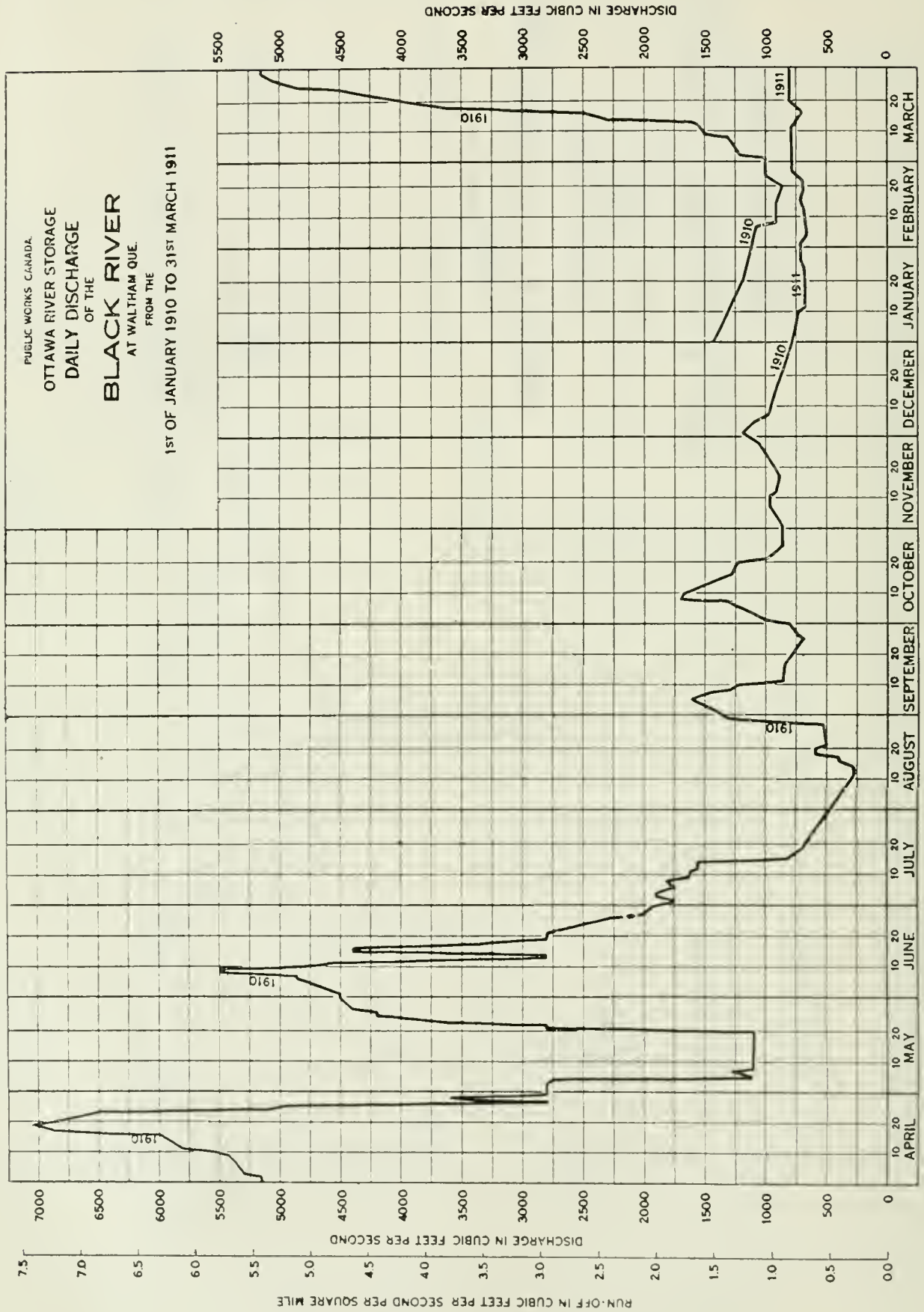
PUBLIC WORKS CANADA.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
BLACK RIVER
AT WALTHAM QUE.
FROM THE
1ST OF JANUARY 1910 TO 31ST MARCH 1911
DISCHARGE IN CUBIC FEET PER SECOND
RUN-OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
1910
1911
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH

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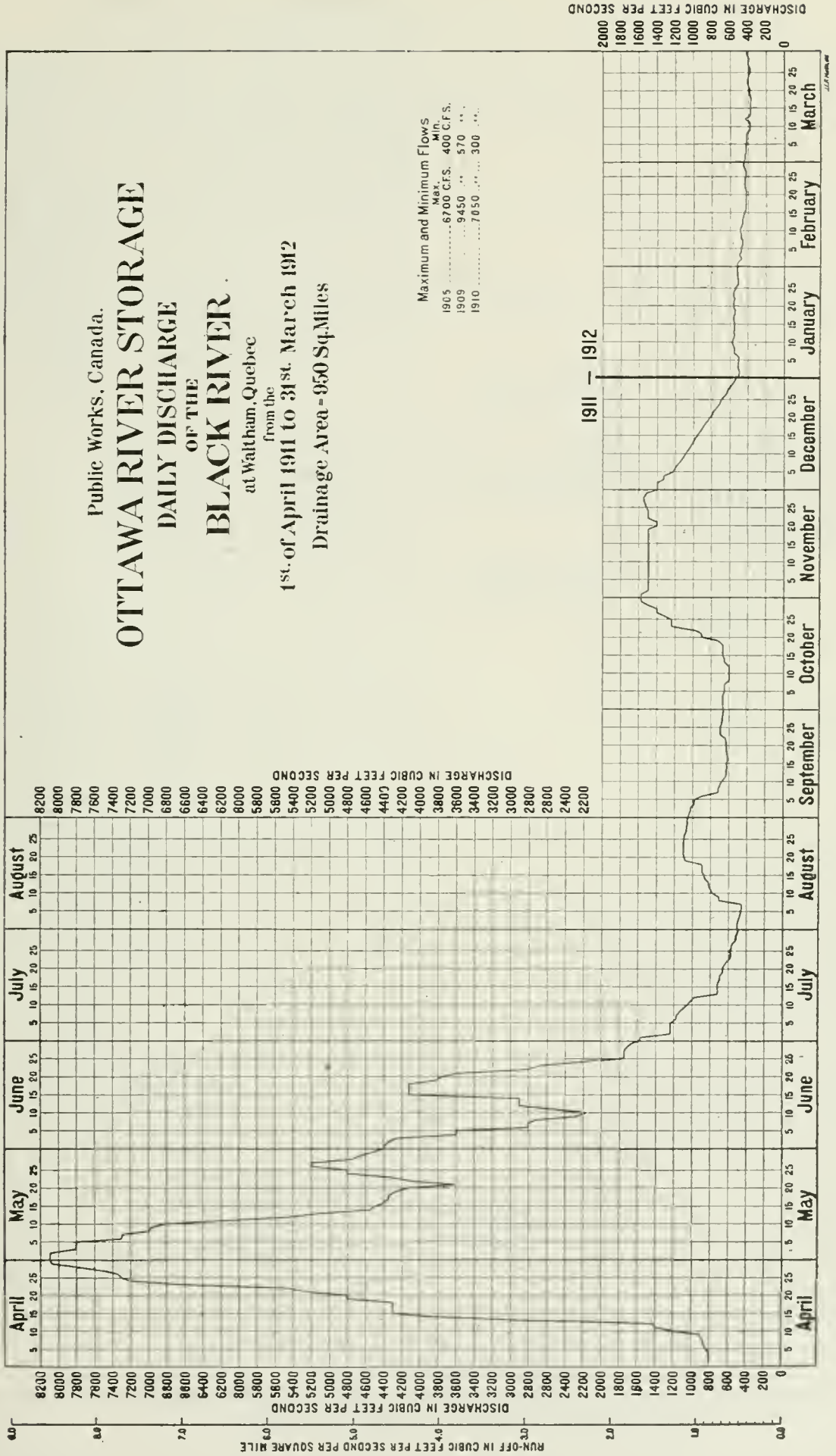

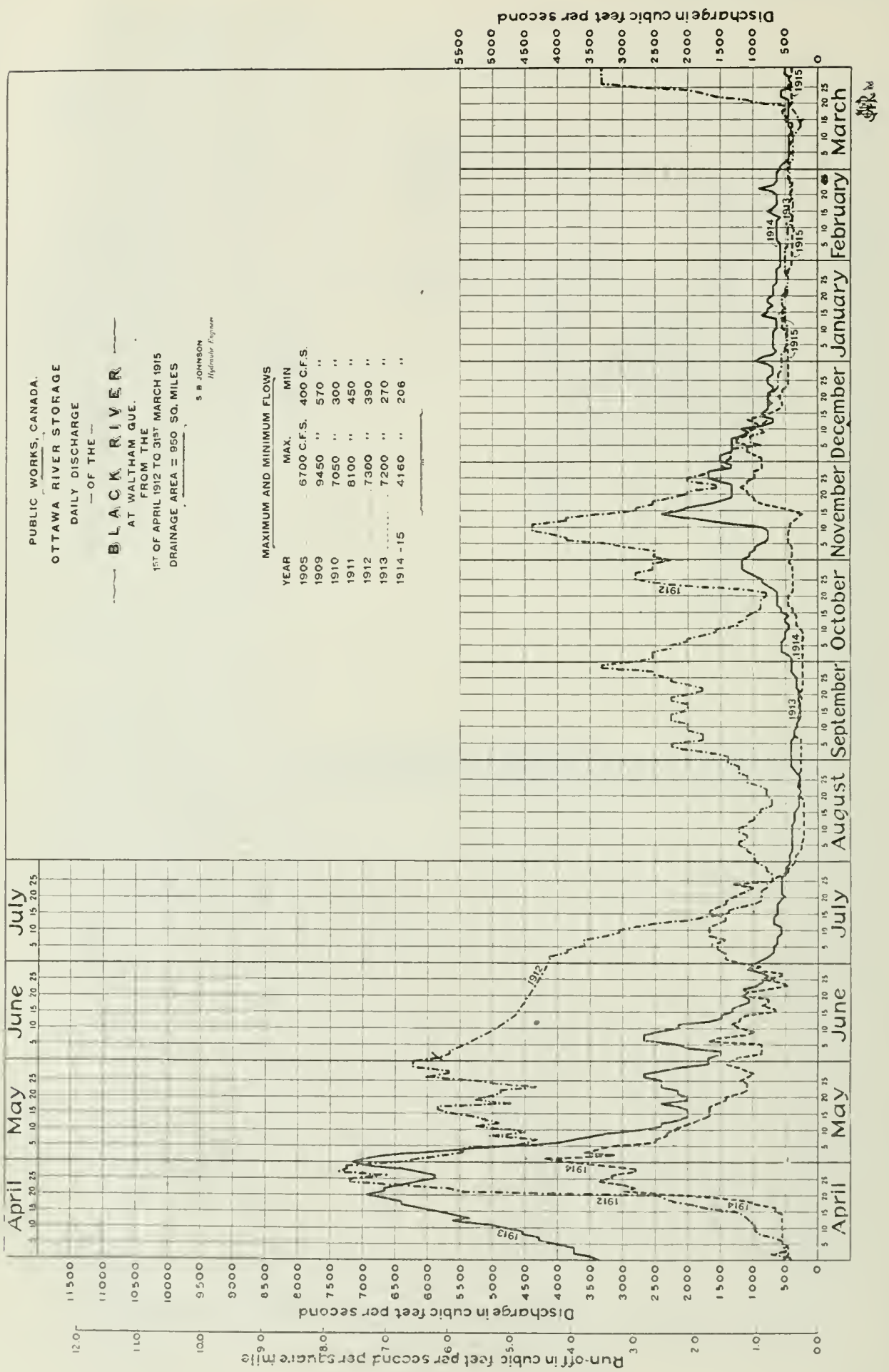
PUBLIC WORKS, CANADA.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
— OF THE —
BLACK RIVER
AT WALTHAM QUE.
FROM THE
1ST OF APRIL 1912 TO 31ST MARCH 1915
DRAINAGE AREA = 950 SQ. MILES
S B JOHNSON
Hydraulic Engineer
MAXIMUM AND MINIMUM FLOWS
YEAR MAX. MIN
1905 6700 C.F.S. 400 C.F.S.
1909 9450 " 570 "
1910 7050 " 300 "
1911 8100 " 450 "
1912 7300 " 390 "
1913 7200 " 270 "
1914-15 4160 " 206 "
Discharge in cubic feet per second
Run-off in cubic feet per second per square mile
April
May
June
July
August
September
October
November
December
January
February
March
1912
1913
1914
1915

COULONGE RIVER.

Location of Gauge.—Staff gauge attached to a pier at the head of Coulonge chute.

Records Available.—Gauge readings 26th April to 15th November, 1905; 14th May to 27th June, 1908; 1st January, 1910, to date.

Drainage Area.—1,820 square miles.

Discharge Measurements.—Made from boat at a section about one-quarter of a mile above Coulonge chute.

Discharge Curve.—For discharges from 300 up to 1,000 c.f.s. the curve is well defined, but beyond that flow further meterings are required in order to arrive at a more definite curve.

Winter Flow.—Evidently affected by ice during short periods.

DISCHARGE MEASUREMENTS of the Coulonge River.

Date.	Made by.	Water elevation.	Discharge. in sec.-ft.
1905.			
May 31		503·85	6470
June 29		502·95	3140
Aug. 15		501·95	1480
Nov. 14		502·25	1700
1908.			
May 20		507·25	14870
May 26		507·05	11630
May 26		507·05	11640
1911.			
Nov. 30		503·33	1750
1913.			
March 14	A. M. Kirkpatrick	501·55	920
April 10	W. E. Blue	504·09	5200
May 19	W. E. Blue	502·98	3600
1914.			
Aug. 6	G. B. Andersen	501·24	890
Aug. 19	"	500·85	520
Aug. 26	"	500·60	440
Sept. 3	"	500·26	530
Sept. 17	"	500·23	330
Sept. 19	"	500·14	310
Sept. 23	"	500·03	260
Oct. 6	"	499·95	220
1915.			
Jan. 21	"	501·13	700
Feb. 19	"	500·93	440
March 18	A. M. Kirkpatrick	500·95	590

Monthly Discharge of the Coulonge River for 1905 to 1912.

(Drainage Area, 1,820 square miles.)

Month.	Discharge in Second-Feet.				Depth in inches on Drainage area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1905.					
April	5,700	.....	.....	.....	.....
May	13,400	5,700	9,260	5·088	5·866
June	6,750	2,900	5,040	2·770	3·091
July	5,800	2,100	2,910	1·599	1·860
August	4,000	900	1,910	1·050	1·211
September	1,750	900	1,240	0·681	0·760
October	5,400	1,200	2,610	1·434	1·653
November	3,500	.....	.....	.....	.....
The period	13,400	900	.....	.....	.....
1906.					
May	13,750	6,250	7,920	4·352	5·018
June	11,000	4,400	6,750	3·709	4·139
July	6,250	1,500	3,010	1·654	1·907
August	2,200	650	1,480	0·813	0·937
September	750	650	700	0·385	0·430
October	1,300	650	940	0·516	0·595
November	1,600	1,150	1,330	0·731	0·816
The period	13,750	650	.....	.....	.....
1909–10.					
April*	11,350	4,120	6,560	3·604	4·022
May	35,800	20,750	25,770	14·106	16·264
June	20,750	3,600	8,760	4·813	5·371
July	28,500	2,150	4,840	2·659	3·066
August	25,000	2,250	11,400	6·263	7·221
September	2,600	1,400	2,020	1·109	1·238
October	3,000	2,100	2,590	1·423	1·641
November	2,900	2,250	2,570	1·412	1·576
December	3,900	2,700	3,160	1·736	2·002
January	3,200	1,100	1,610	0·884	1·019
February	1,600	900	1,160	0·637	0·663
March	9,100	1,600	4,085	2·245	2·588
The year	35,800	900	6,210	3·408	46·671
1910–11.					
April	20,200	12,750	15,100	8·241	9·197
May	14,200	8,300	10,350	5,681	6·550
June	13,750	7,250	10,170	5·587	6·235
July	7,800	2,050	3,670	2·015	2·323
August	2,400	1,600	1,900	1·043	1·202
September	2,800	1,500	1,860	1·021	1·139
October	5,000	2,600	4,170	2·289	2·639
November	4,600	3,750	4,100	2·252	2·513
December	3,950	2,400	3,400	1·868	2·154
January	2,300	1,700	1,990	1·093	1·260
February	2,200	1,750	2,000	1·098	1·143
March	2,000	1,750	1,950	1·076	1·241
The year	20,000	1,500	5,050	2·722	37·596
1911–12.					
April	5,750	1,000	2,570	1·412	1·58
May	10,250	5,750	8,130	4·467	5·15
June	7,250	3,700	6,100	3·352	3·74
July	3,650	1,600	2,460	1·352	1·56
August	2,900	1,480	1,980	1·088	1·25
September	1,650	900	1,250	0·687	0·77
October	950	760	860	0·473	0·55
November	1,750	900	1,200	0·659	0·74
December	1,900	1,100	1,740	0·956	1·10
January	1,100	950	1,050	0·577	0·67
February	1,000	830	860	0·473	0·51
March	800	700	760	0·418	0·48
The year	10,250	700	2,410	1·326	18·10

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Monthly Discharge of Coulonge River near Coulonge for 1912 to 1915.

Month.	Discharge in Second-Feet.				Depth in inches on Drainage area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1912–13.					
April	9,930	824	4,447	2·443	2·726
May	8,630	6,050	7,411	4·072	4·695
June	8,375	2,767	5,243	2·881	3·215
July	2,582	932	1,955	1·074	1·238
August	1,555	652	9,927	5·454	6·288
September	1,882	1,087	1,416	0·778	0·868
October	4,555	1,087	2,239	1·230	1·418
November	7,407	2,850	4,598	2·526	2·819
December	2,600	1,080	1,617	0·888	1·024
January	1,080	900	1,055	0·580	0·669
February	980	760	854	0·469	0·488
March	4,750	550	1,662	0·913	1·053
The year	9,930	550	2,794	1·535	26·501
1913–14.					
April	13,210	5,185	8,176	4·492	5·013
May	10,450	3,930	5,454	2·997	3·455
June	4,555	2,050	3,438	1·889	2·108
July	2,582	652	1,349	0·741	0·854
August	547	215	318	0·175	0·202
September	547	142	258	0·142	0·158
October	2,955	215	1,033	0·567	0·654
November	5,397	1,882	3,686	2·014	2·248
December	3,532	1,397	2,493	1·370	1·580
January	1,242	780	1,067	0·586	0·676
February	1,717	780	1,316	0·723	0·753
March	1,242	452	629	0·346	0·399
The year	13,210	142	2,428	1,334	18·100
1914–15.					
April	7,612	857	2,517	1·383	1·543
May	7,642	2,582	4,470	2·456	2·832
June	3,532	1,167	2,238	1·228	1·370
July	3,532	960	1,940	1·066	1·229
August	960	417	629	0·346	0·399
September	477	235	350	0·192	0·214
October	512	225	356	0·196	0·226
November	1,375	372	830	0·459	0·512
December	1,717	651	1,002	0·550	0·634
January	857	651	751	0·413	0·476
February	754	582	603	0·331	0·345
March	582	477	540	0·297	0·342
The year	7,642	225	1,357	0·746	10·122

* April flows estimated from the means of 5 years.

Public Works, Canada.

UPPER OTTAWA STORAGE

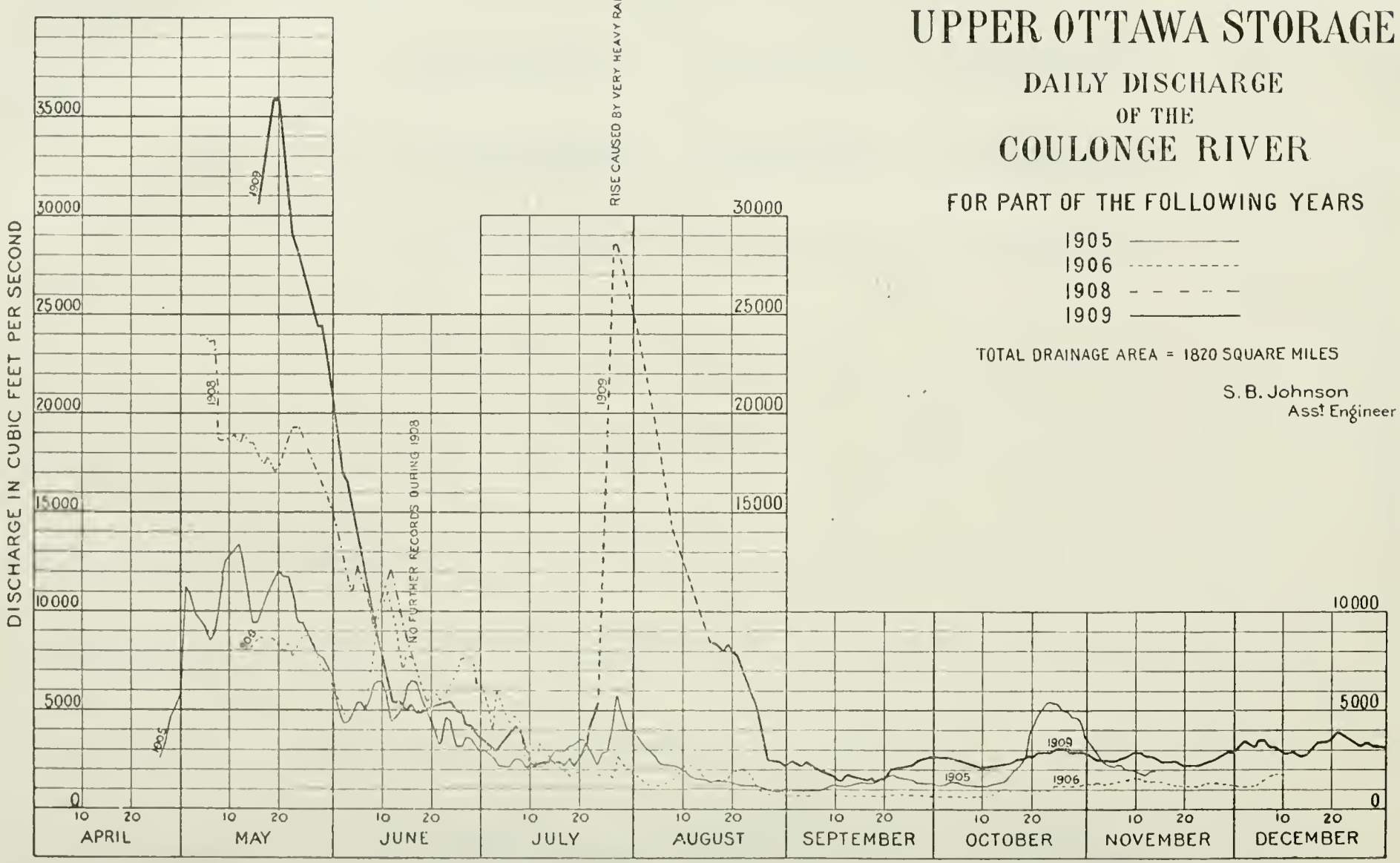
DAILY DISCHARGE OF THE COULONGE RIVER

FOR PART OF THE FOLLOWING YEARS

1905 ——————
1906 ----------
1908 - - - - - -
1909 ——————

TOTAL DRAINAGE AREA = 1820 SQUARE MILES

S. B. Johnson
Ass't Engineer



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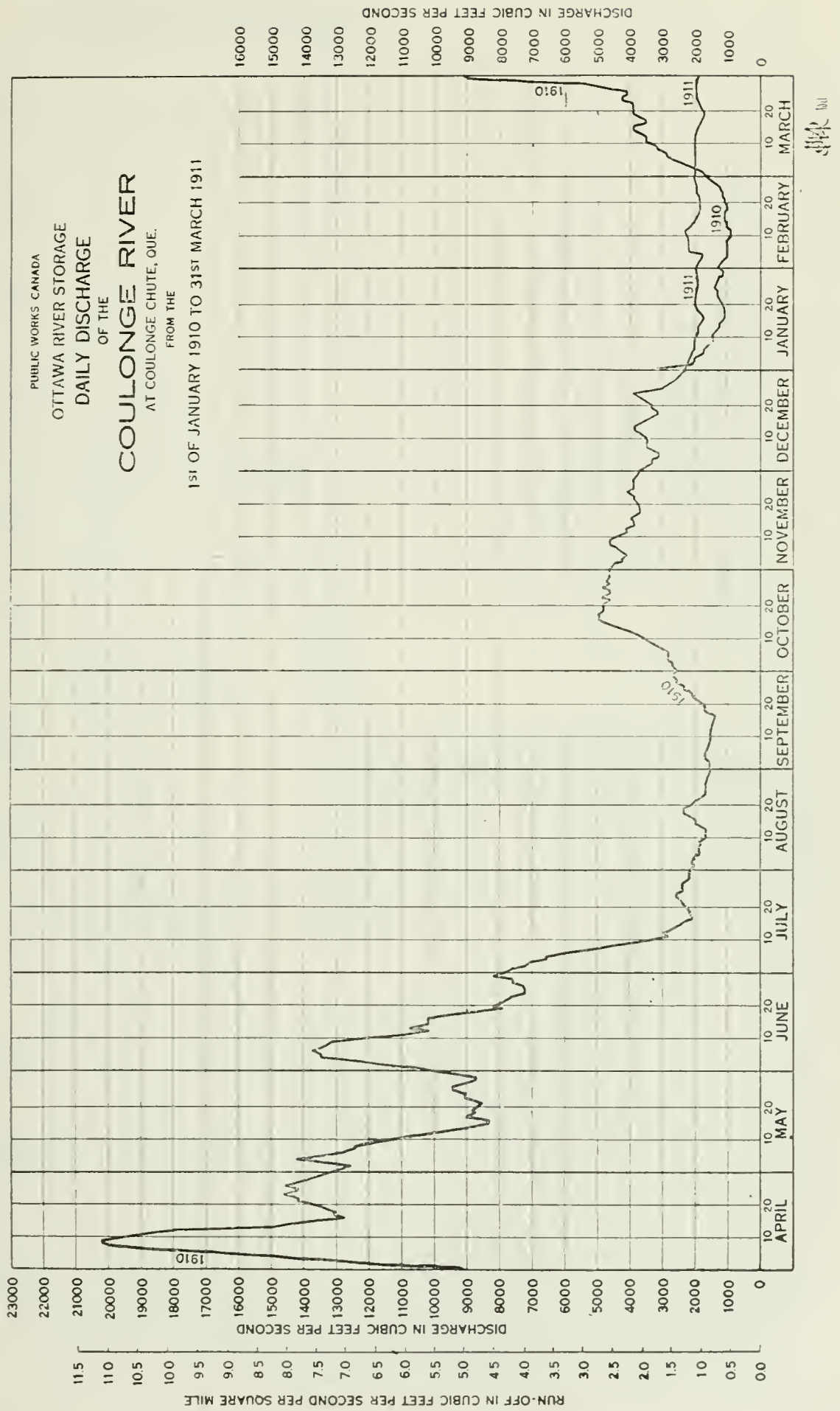

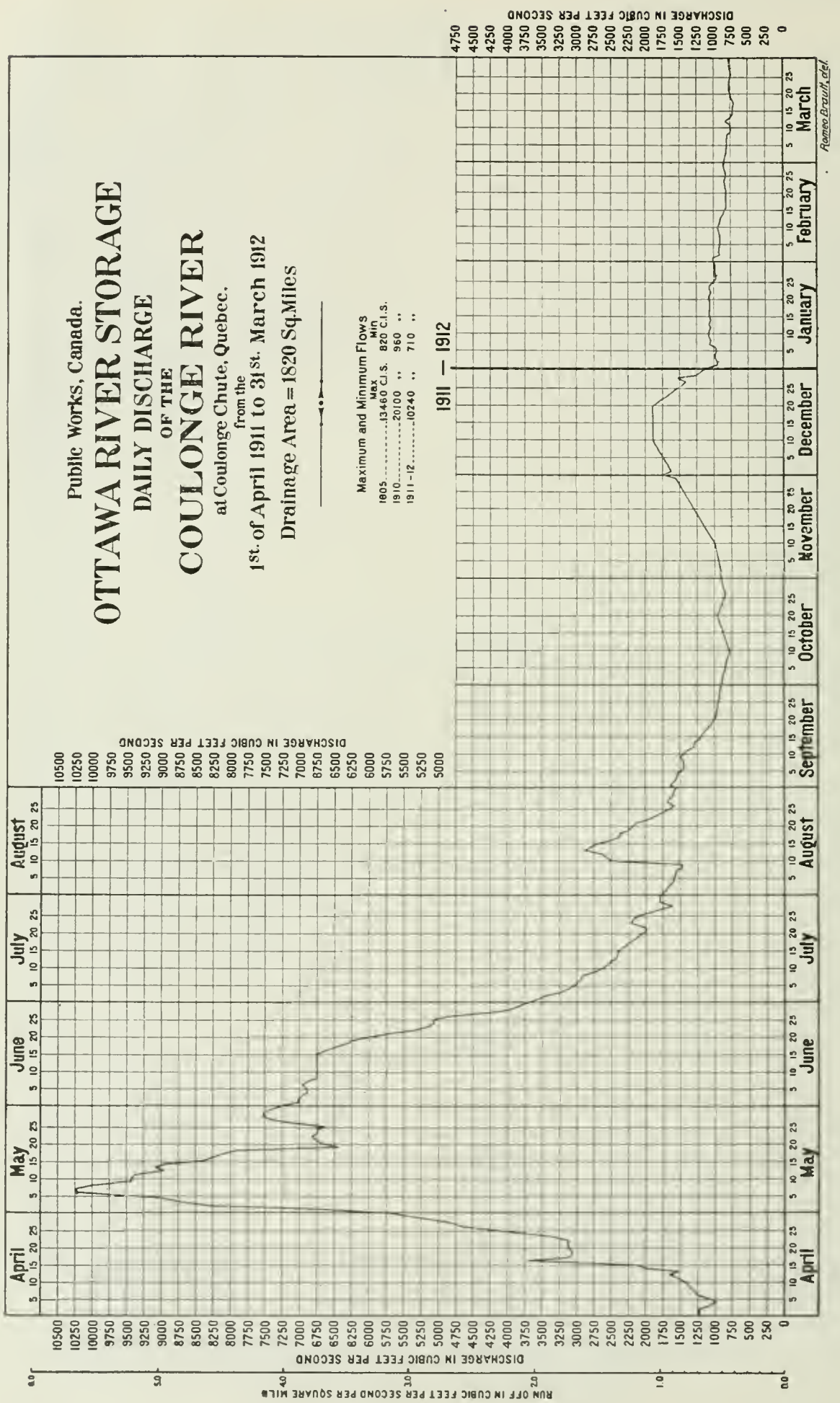
Public Works, Canada.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
COULONGE RIVER
at Coulonge Chute, Quebec.
from the
1st. of April 1911 to 31st. March 1912
Drainage Area = 1820 Sq. Miles
Maximum and Minimum Flows
Max Min
1905 ..... 13460 C.I.S. 820 C.I.S.
1910 ..... 20100 " 960 "
1911-12 ..... 10240 " 710 "
1911 — 1912
DISCHARGE IN CUBIC FEET PER SECOND
RUN OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
April
May
June
July
August
September
October
November
December
January
February
March
Romeo Brault, del.

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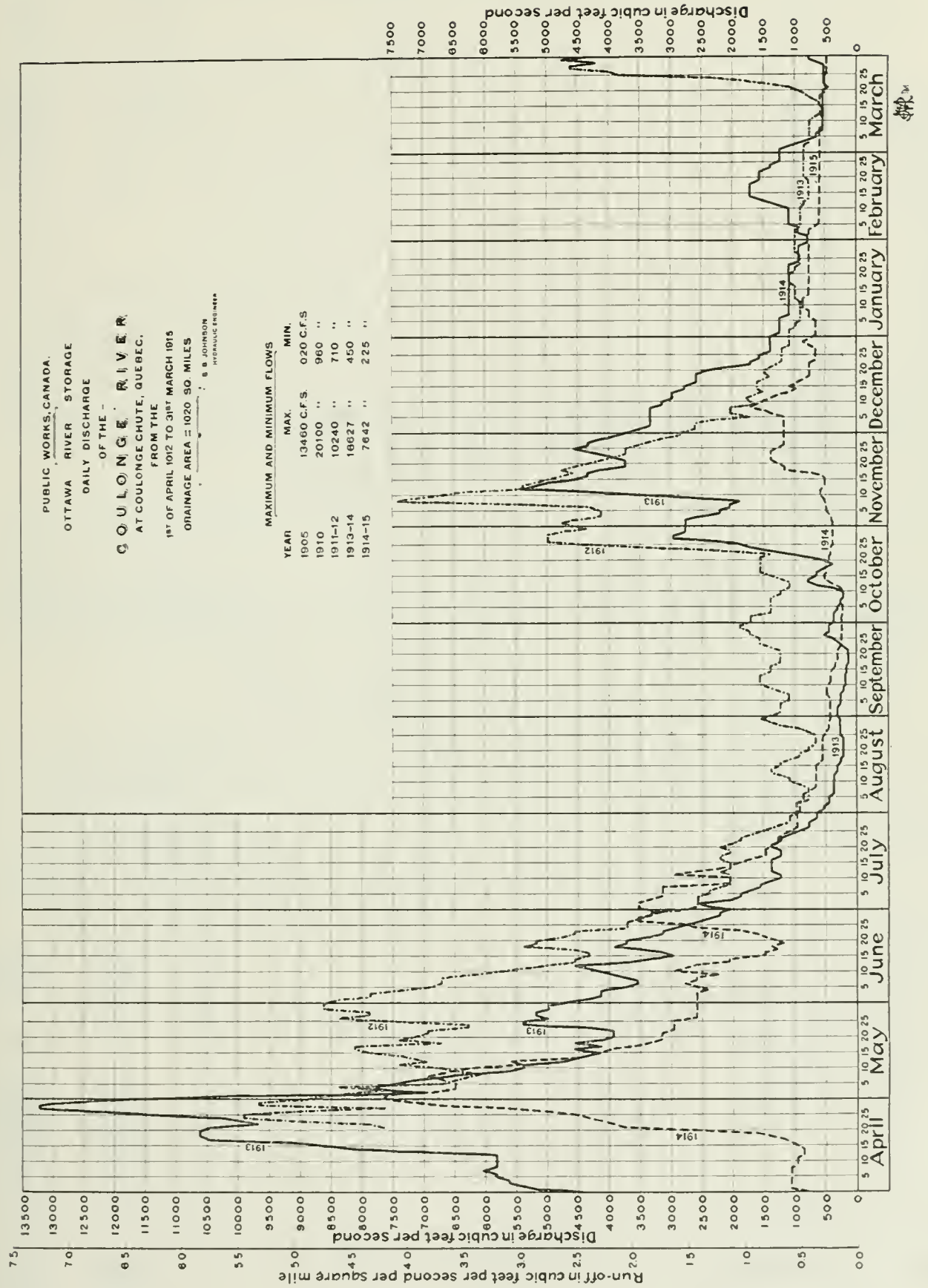

DISCHARGE MEASUREMENTS of the Ottawa River below Allumette Island.

Date.	Made by	Water Elevation, La Passe.	Discharge in Sec.-ft.
1905.			
May 12			45,000
Aug. 16		344·76	20,014
Nov. 14		344·31	16,100
1907.			
June 15		352·32	90,310

OTTAWA RIVER AT HEAD OF COULONGE LAKE AND AT LA PASSE.

Location of Gauge.—Staff gauge on pier just above ferry landing at La Passe, Ont.

Records available.—Gauge readings at head of Coulonge lake, 9th June, 1894, to 6th November, 1904; La Passe (foot of Coulonge lake), 17th February, 1905, to 27th January, 1906; 28th September, 1911, to date.

Drainage area.—At La Passe, 27,900 square miles.

Discharge measurements.—Made from catamaran opposite the village of La Passe.

Discharge curve.—The controlling sections are a long distance below La Passe, and frequently logs either fill the channels or stick at the head of the chutes, thus raising the level of the reach without increasing the flow. The curve is therefore useless during the time these logs remain at the head of the falls.

Winter flow.—The discharge relation is affected by ice.

DISCHARGE MEASUREMENTS of Ottawa River at La Passe, Ont.

Date.	Made by	Water elevation.	Discharge.
1905.			Sec.-ft.
May 15	F. W. Anderson	350·20	62,900
June 28	"	347·65	44,340
Aug. 16	"	344·75	21,160
Nov. 15	J. J. Collins	344·25	22,620
1907.			
June 16	S. B. Johnson	352·26	95,150
1908.			
May 15	A. Surveyor	353·85	[1]124,840
" 16	"	354·00	[1]124,700
" 18	"	354·05	[1]131,270
" 19	"	353·95	[1]128,750
" 23	"	353·80	[1]126,820
" 27	"	353·35[1]	
1911.			
Nov. 28	S. B. Johnson	344·55	21,160
1913.			
Mar. 13	S. B. Johnson	345·25	21,090
" 17	A. M. Kirkpatrick	345·20	21,280
" 26	"	347·05	33,380
" 31	"	347·90	37,870
April 15	"	348·05	49,480
May 21	W. E. Blue	351·03	50,780

[1]Float measurement.

DISCHARGE MEASUREMENTS of Ottawa River at La Passe, Ont.—*Con.*

Date.	Made by.	Water Elevation.	Discharge.
		Feet.	Sec.-ft.
1914.			
Feb. 2	G. M. Brown	344·93	20,740
July 30	S. B. Johnson	343·73	18,360
" 31	G. B. Anderson	343·65	18,920
Aug. 1	"	343·54	19,410
" 3	"	343·40	18,290
" 4	"	343·33	17,800
" 6	"	343·15	16,340
" 7	"	343·12	17,340
" 10	"	342·93	14,500
" 12	"	342·92	15,160
" 13	"	342·87	14,720
" 20	"	342·52	13,350
" 25	"	342·38	13,200
" 26	"	342·30	11,250
" 27	"	342·22	11,300
" 29	"	342·13	10,680
" 31	"	342·12	11,870
Sept. 2	"	342·08	11,330
" 7	"	342·00	10,600
" 10	"	342·01	11,330
" 11	"	342·00	10,170
" 15	"	341·92	10,700
" 18	"	341·92	11,350
" 21	"	341·87	9,850
" 23	"	341·83	9,460
Oct. 1	"	341·55	7,350
" 5	"	341·48	7,680
Dec. 22	A. M. Kirkpatrick	342·28	12,600
1915.			
Jan. 22	G. B. Anderson	342·54	9,280
Feb. 19	"	342·53	9,190
Mar. 19	A. M. Kirkpatrick	341·96	8,050

BRYSON, QUE.

Location of Gauge.—A staff gauge was attached to the steamboat wharf at Bryson in February, 1905, but has since been destroyed by ice.

Records available.—Gauge heights from 14th February, 1905, to 31st December, 1906.

Discharge measurements.—These are made from row-boats at various sections from Calumet up to the head of Calumet island. The greater part of the reach is fairly even and is well adapted to metering purposes.

Discharge curve.—Not well defined.

Winter flow.—The flow at Bryson is affected by ice to about the same degree as that at La Passe.

DISCHARGE MEASUREMENTS of the Calumet Channel of the Ottawa River.

Date.	Made by	Water Elevation.	Discharge in Sec.-ft.
1900.			
Aug. ..	C. E. Gauvin	.....	16,565
1905.			
May 12	F. W. Anderson	346·04	26,712
Nov. 16	J. J. Collins	342·39	10,925
1907.			
June 17	S. B. Johnson	347·44	33,000
1913.			
Aug. 12	G. B. Anderson	342·93	8,554
Sept. 22	"	341·86	4,800
" 28	"	341·68	4,774
Oct. 2	"	341·53	4,117

Discharge Measurements of Bernard Creek.

(Drainage area, 80 square miles).

Date.	Made by	Discharge in Sec.-ft.
1914. Nov. 14	G. B. Anderson	27

BONNECHERE RIVER AT RENFREW.

Location of Gauges.—Staff gauge above the intake of the lower power-house. Observations were discontinued owing to the level of the reach being regulated by the power people during low water period. A weight and chain gauge was placed in December, 1914, around the first bend below the town at a point which is not affected by back water.

Records available.—Gauge heights from 3rd April to 15th November, 1905; 15th April, 1909, to 31st December, 1914. Chain gauge, 19th December to date.

Drainage area.—910 square miles.

Discharge measurements.—Made from the Canadian Pacific Railway bridge above the town.

Discharge curve.—The water levels at the new gauge below the power-houses require calibrating. The old discharge curve cannot be used during periods of low water owing to the artificial regulation of the reach, and is very uncertain at higher stages.

Winter flow.—Possibly to a small extent affected by ice.

Precipitation and Temperature records.—Kept by Dr. Wm. Forrest at Renfrew, Ont., for the Dominion Meteorological Service since 1890.

Discharge Measurements of the Bonnechere River.

Date.	Made by	Water Elevation.	Discharge in Sec.-ft.
1905.			
April 26	F. W. Anderson	324·73	1,771
June 26	"	324·58	1,613
Aug. 4	A. L. MacLennan	323·78	812
1908.			
May 19	D. H. Philp	.....	3,901
1909.			
April 15	S. B. Johnson	326·18	2,800
May 3	"	326·88	4,110
July 30	"	324·38	860
Sept. 11	"	323·68	420
1910.			
April 14		325·13	1,620
1913.			
Feb. 25	A. M. Kirkpatrick	27·4[1]	506
1914.			
Feb. 27	G. M. Brown	28·0	154

[1]From base of rail down.

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Monthly Discharge of Bonnechere River at Renfrew, Ont., for 1909 to 1912.

(Drainage area, 910 square miles).

Month.	Discharge in Second-feet.				Run-off.		Temperatures.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent of rainfall.		
1909–10.								
April	4,170	2,450	3,050	3·35	3·739	111	36·8	3·37
May	5,170	2,550	3,400	3·74	4·312	112	51·9	3·85
June	2,650	1,000	1,530	1·68	1·875	184	65·7	1·02
July	1,100	500	740	0·81	0·934	20	67·0	4·69
August	820	340	600	0·66	0·761	50	67·4	1·53
September	450	250	380	0·42	0·469	18	57·4	2·60
October	350	140	260	0·29	0·334	29	44·6	1·16
November	350	150	240	0·26	0·290	12	34·5	2·50
December	320	200	310	0·34	0·392	20	17·5	1·99
January	380	330	370	0·41	0·472	13	15·7	3·52
February	580	350	410	0·45	0·468	29	9·2	1·61
March	4,400	330	1,020	1·12	1·291	61	31·3	2·12
The year	5,170	140	1,030	1·13	15·337	51	41·6	29·96
1910–11.								
April	1,700	1,160	1,450	1·59	1·774	88	46·6	2·01
May	1,750	1,000	1,200	1·32	1·522	58	53·2	2·69
June	1,000	630	800	0·88	0·982	68	62·9	1·45
July	630	280	450	0·49	0·565	30	69·1	1·87
August	310	80	210	0·23	0·265	05	66·3	5·33
September	290	90	140	0·15	0·167	06	[1]51·6	2·75
October	180	90	120	0·13	0·150	04	46·3	4·06
November	220	130	170	0·19	0·212	18	30·4	1·20
December	220	120	170	0·19	0·219	23	10·3	0·95
January	190	70	110	0·12	0·138	08	12·8	1·67
February	190	70	110	0·12	0·125	04	11·6	2·93
March	120	80	110	0·12	0·138	06	21·4	2·29
The year	1,750	70	420	0·46	6·257	23	40·2	29·11
1911–12								
April	2,600	230	1,460	1·604	1·790	113	39·9	1·59
May	2,400	1,320	1,740	1·914	2·207	58	61·7	3·78
June	1,420	960	1,170	1·286	1·435	42	63·6	3·45
July	960	340	500	0·550	0·634	45	71·2	1·41
August	340	270	300	0·330	0·380	11	68·3	3·38
September	270	70	140	0·150	0·167	7	55·8	2·46
October	70	30	50	0·055	0·063	3	45·9	1·85
November	70	50	50	0·055	0·061	2	29·2	2·88
December	370	70	200	0·220	0·254	18	25·8	1·40
January	490	370	460	0·505	0·582	22	0·2	2·62
February	449	410	420	0·465	0·502	24	10·3	2·05
March	470	349	400	0·440	0·507	31	18·1	1·63
The year	2,600	30	570	0·631	8·582	30	40·8	28·50

[1]No temperature records at Renfrew for September, 1910. Stonecliff temperature used.

Public Works, Canada.

UPPER OTTAWA STORAGE

DAILY DISCHARGE OF THE BONNECHERE RIVER

1909

TOTAL DRAINAGE AREA = 910 SQUARE MILES

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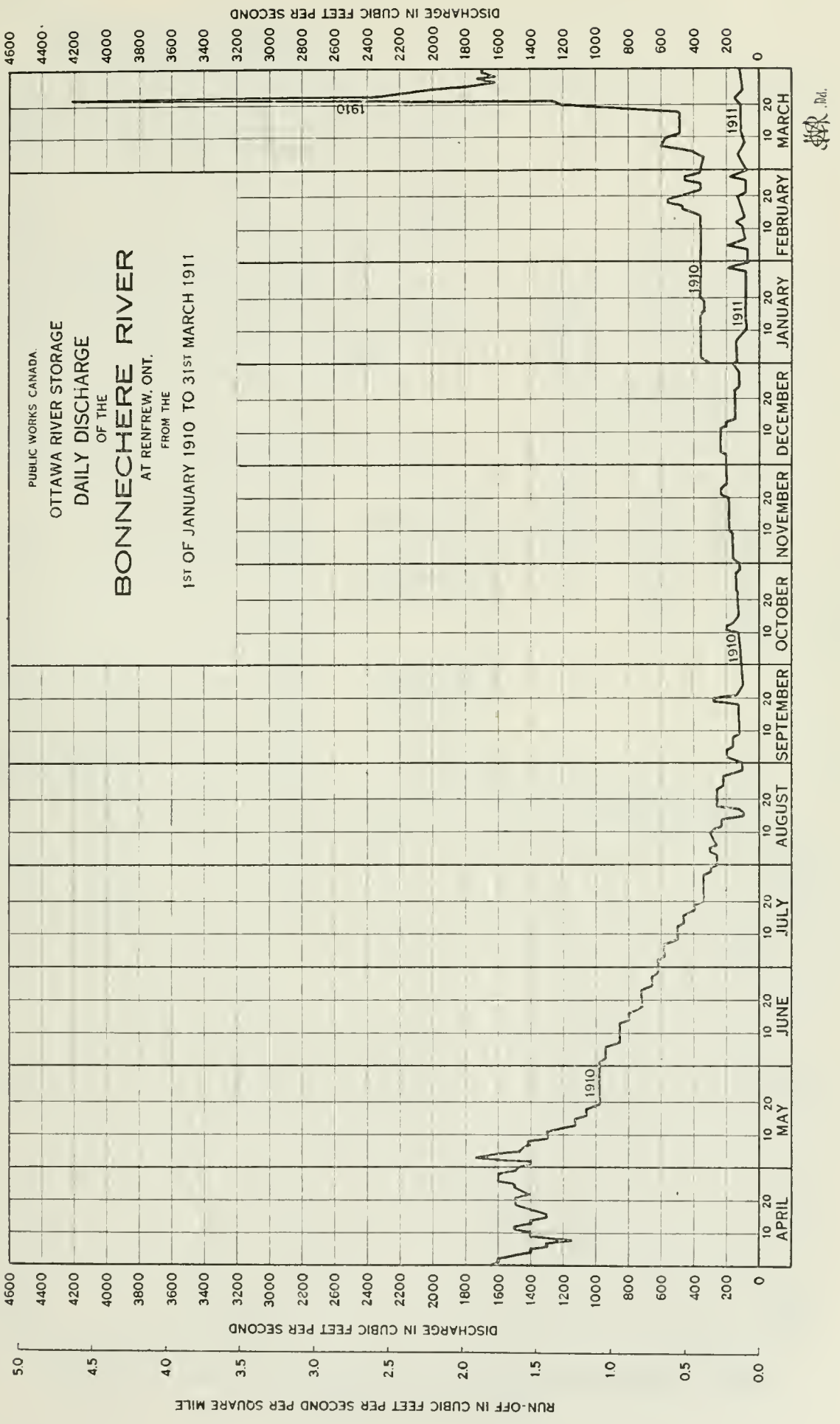

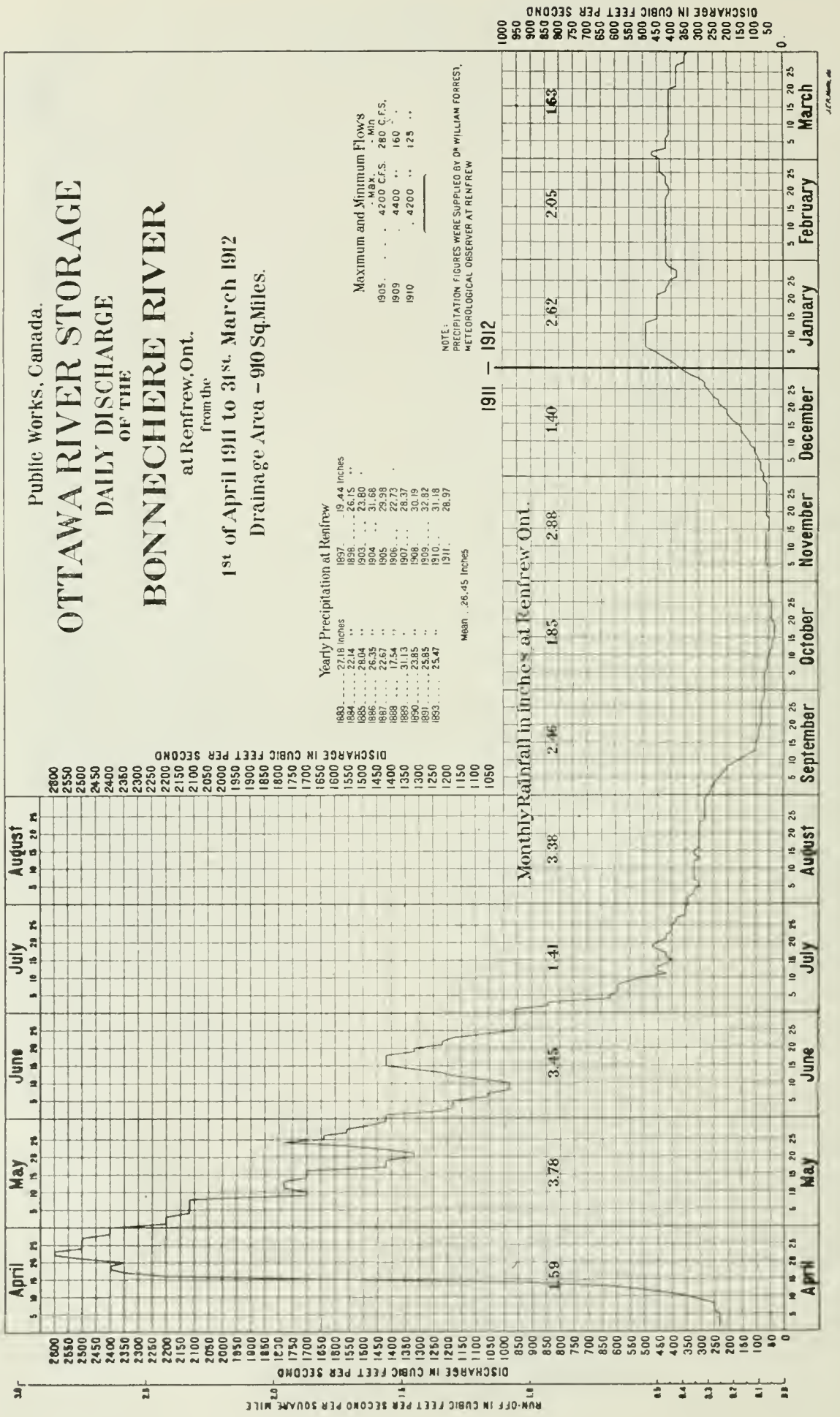
Public Works, Canada.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
BONNECHERE RIVER
at Renfrew, Ont.
from the
1st of April 1911 to 31st. March 1912
Drainage Area – 910 Sq. Miles.
1911 — 1912
Yearly Precipitation at Renfrew
1883 . . . . 27.18 Inches
1884 . . . . 22.14 "
1885 . . . . 28.04 "
1886 . . . . 26.35 "
1887 . . . . 22.67 "
1888 . . . . 17.54 "
1889 . . . . 31.13 "
1890 . . . . 23.85 "
1891 . . . . 25.85 "
1893 . . . . 25.47 "
1897 . . . . 19.44 Inches
1898 . . . . 26.15 "
1903 . . . . 23.80 "
1904 . . . . 31.68 "
1905 . . . . 29.98 "
1906 . . . . 22.73 "
1907 . . . . 28.37 "
1908 . . . . 30.19 "
1909 . . . . 32.82 "
1910 . . . . 31.18 "
1911 . . . . 28.97 "
Mean . 26.45 Inches
Maximum and Minimum Flows
Max. Min
1905. . . . 4200 C.F.S. 280 C.F.S.
1909 . . . 4400 " 160 "
1910 . . . 4200 " 125 "
NOTE:
PRECIPITATION FIGURES WERE SUPPLIED BY Dr WILLIAM FORRES, METEOROLOGICAL OBSERVER AT RENFREW
Monthly Rainfall in inches at Renfrew Ont.
1.59
3.78
3.45
1.41
3.38
2.46
1.85
2.38
1.40
2.62
2.05
1.63
April
May
June
July
August
September
October
November
December
January
February
March
DISCHARGE IN CUBIC FEET PER SECOND
RUN-OFF IN CUBIC FEET PER SECOND PER SQUARE MILE

OTTAWA RIVER AT ARNPRIOR.

Location of Gauge.—Staff gauge on steamboat wharf.

Records available.—Gauge readings from 3rd February, 1905, to 28th December, 1906; 29th March, 1914, to date.

Drainage area.—32,408 square miles.

MADAWASKA RIVER.

Location of Gauges.—Staff gauge on Calabogie lake at Calabogie, Ont. Staff gauge on pier below Claybank bridge.

Records available.—Calabogie gauge, 24th April to 21st November, 1909; 1st January, 1910, to date. Claybank gauge, 15th April, 1909, to date.

Drainage area.—3,210 square miles.

Discharge measurements.—Made from a row-boat, 400 feet above Claybank bridge.

Discharge curve.—Fairly well defined.

Winter flow.—Affected by ice to a very small extent.

DISCHARGE MEASUREMENTS OF THE MADAWASKA RIVER.

Date.	Made by	W. S. elevation, Claybank	Discharge in Sec.-ft.
1898.			
Sept. 12	W. L. Scott	.....	1,174
1905.			
April 14	J. Gillespie	263·25	7,904
" 25	F. W. Anderson	262·89	6,362
June 15	O. M. Stitt	262·65	5,840
Aug. 5	A. L. MacLennan	262·35	4,866
1908.			
May 19	D. H. Philp	264·21	18,220
July 15	"	261·16	2,730
1909.			
April 14	S. B. Johnson	263·95	10,280
" 21	"	266·30	17,770
July 31	"	261·87	3,560
Sept. 13	"	261·60	2,300
1910.			
April 2		264·45	12,225
1911.			
Feb. 21		269·01	750
Apr. 19–20		263·40	8,010
Dec. 1		260·51	1,134

Monthly Discharge of Madawaska River near Claybank, for 1909 to 1913.

(Drainage area, 3,210 square miles.)

Month.	Discharge in Second-Feet.				Dpeth in inches on Drainage area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1909-10.					
April	20,000	8,500	13,590	4·233	4·724
May	19,400	13,000	17,020	5·302	6·113
June	13,000	1,900	5,750	1,791	1·999
July	3,400	1,350	2,140	0·666	0·768
August	3,300	1,100	2,110	0·657	0·758
September	3,300	750	1,610	0·501	0·559
October	1,000	750	850	0·264	0·304
November	1,000	700	780	0·242	0·270
December	1,400	1,000	1,230	0·383	0·442
January	1,600	1,300	1,420	0·442	0·510
February	1,700	1,450	1,560	0·485	0·505
March	11,000	1,500	4,060	1·264	1·457
The year	20,000	700	4,340	1·353	18·409
1910-11.					
April	13,500	8,000	10,550	3·287	3·668
May	8,000	3,600	5,900	1·838	2·119
June	5,000	3,250	3,990	1·243	1·387
July	4,000	2,700	2,230	0·695	0·801
August	2,000	700	1,110	0·346	0·400
September	950	700	842	0·262	0·292
October	1,000	900	950	0·296	0·341
November	1,000	900	960	0·299	0·334
December	950	900	930	0·290	0·334
January	900	800	830	0·259	0·299
February	800	700	760	0·237	0·247
March	850	700	720	0·224	0·258
The year	13,500	700	2,480	0·773	10·480
1911-12.					
April	9,200	820	5,090	1·584	1·768
May	7,700	4,650	5,700	1·775	2·047
June	5,000	3,400	4,080	1·271	1·418
July	3,400	1,200	1,740	0·543	0·626
August	1,200	950	1,070	0·334	0·385
September	950	520	730	0·229	0·256
October	950	650	760	0·237	0·273
November	1,000	850	930	0·291	0·325
December	1,650	1,070	1,320	0·411	0·474
January	1,720	1,340	1,560	0·489	0·564
February	1,550	1,440	1,500	0·468	0·505
March	1,650	1,200	1,410	0·440	0·507
The year	9,200	520	2,160	0·672	9·148
1912-13.					
April	21,200	1,048	10,517	3·276	3·656
May	13,176	7,877	9,984	3·110	3·585
June	13,176	4,010	7,942	2·474	2·761
July	3,443	1,259	1,866	0·581	0·670
August	1,259	1,048	1,134	0·353	0·407
September	1,112	1,048	1,078	0·336	0·375
October	1,716	1,048	1,147	0·357	0·412
November	5,376	1,608	3,278	1·021	1·139
December	5,676	2,885	4,606	1·435	1·655
January	3,443	2,685	3,036	0·946	1·091
February	3,443	2,070	2,741	0·854	0·889
March	21,499	1,935	9,764	3·042	3·507
The year	21,499	1,048	4,764	1·484	20·147

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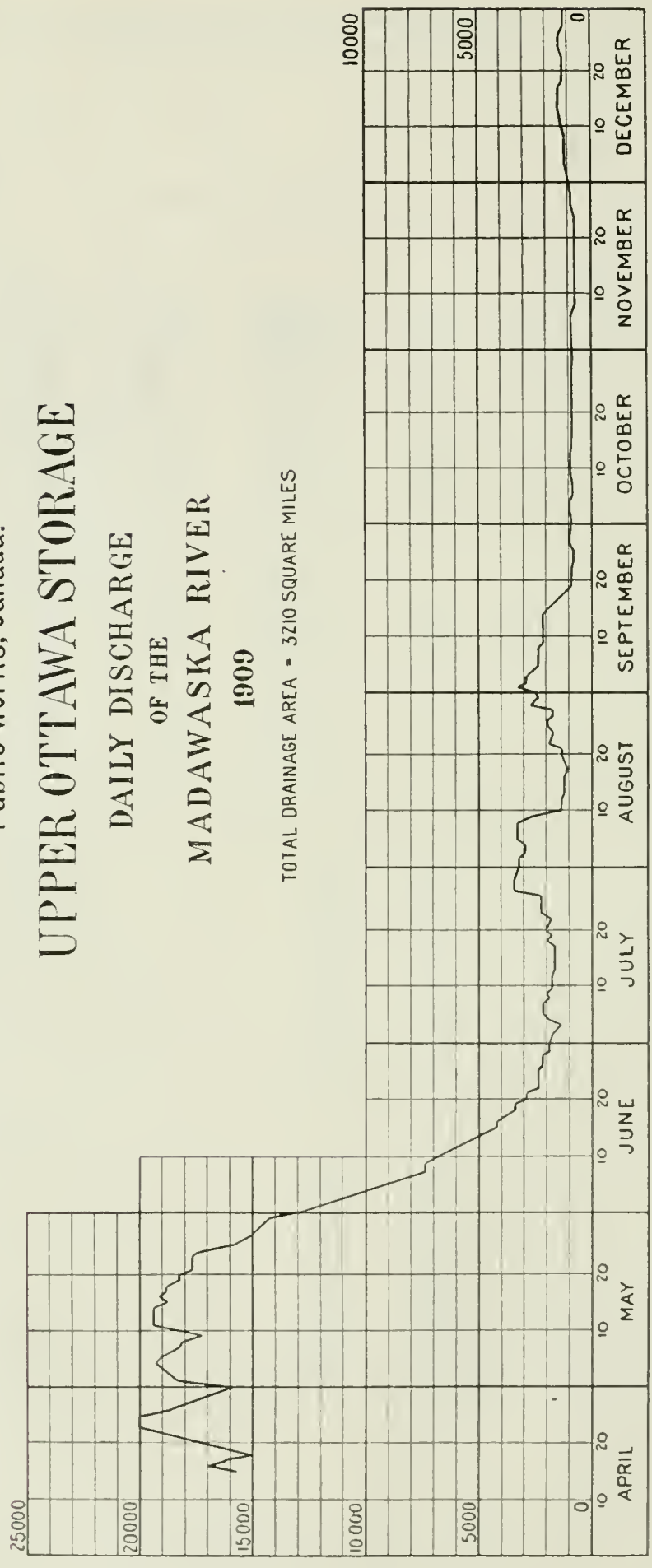
Monthly Discharge of Madawaska River near Claybank, for 1913 and 1915.

Month.	Discharge in Second-Feet.				Depth in inches on Drainage area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1913–14.					
April	17,576	13,976	14,745	4·593	5·126
May	13,976	2,180	7,116	2·217	2·556
June	2,660	1,250	1,895	0·590	0·658
July	1,250	979	1,098	0·343	0·395
August	918	720	798	0·249	0·287
September	720	720	720	0·224	0·250
October	720	720	720	0·224	0·258
November	1,178	720	980	0·305	0·340
December	1,505	1,178	1,328	0·414	0·477
January	1,250	1,104	1,163	0·362	0·417
February	1,505	1,178	1,300	0·405	0·422
March	1,505	1,104	1,280	0·399	0·460
The year	17,576	720	2,755	0·858	11·646
1914–15.					
April	7,576	1,704	4,024	1·254	1·399
May	7,309	2,468	5,517	1·719	1·982
June	2,308	1,505	1,735	0·540	0·603
July	1,505	1,040	1,317	0·410	0·473
August	1,040	822	851	0·265	0·306
September	822	822	822	0·256	0·286
October	918	822	850	0·265	0·306
November	1,104	870	960	0·210	0·234
December	1,250	1,104	1,199	0·374	0·431
January	1,250	1,040	1,145	0·357	0·412
February	1,250	1·104	1,193	0·372	0·387
March	1,417	1,178	1,290	0·402	0·464
The year	7,576	822	1,745	0·544	7·283


Public Works, Canada.
UPPER OTTAWA STORAGE
DAILY DISCHARGE
OF THE
MADAWASKA RIVER
1909
TOTAL DRAINAGE AREA = 3210 SQUARE MILES
DISCHARGE IN CUBIC FEET PER SECOND
25000
20000
15000
10000
5000
0
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
10
20

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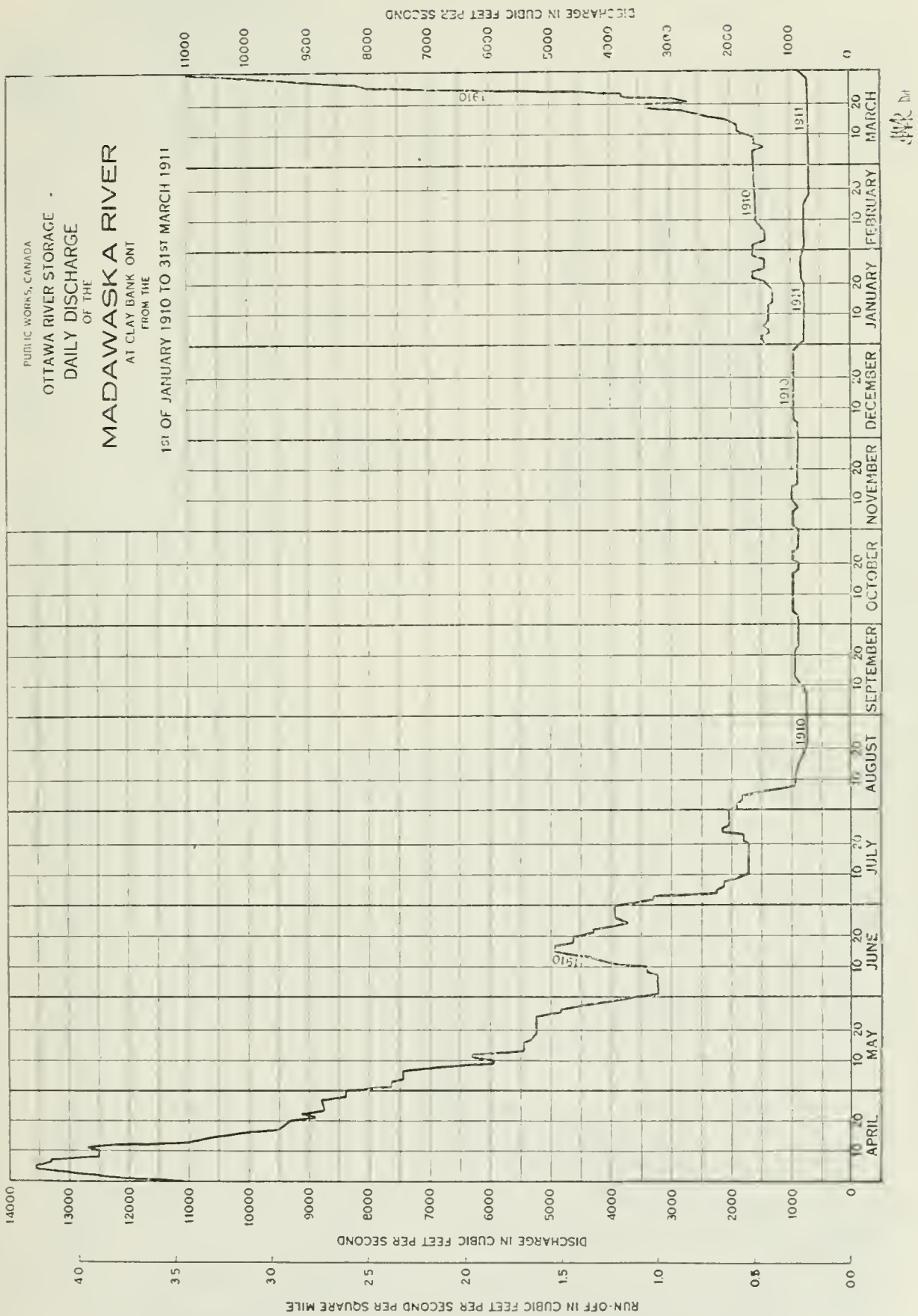

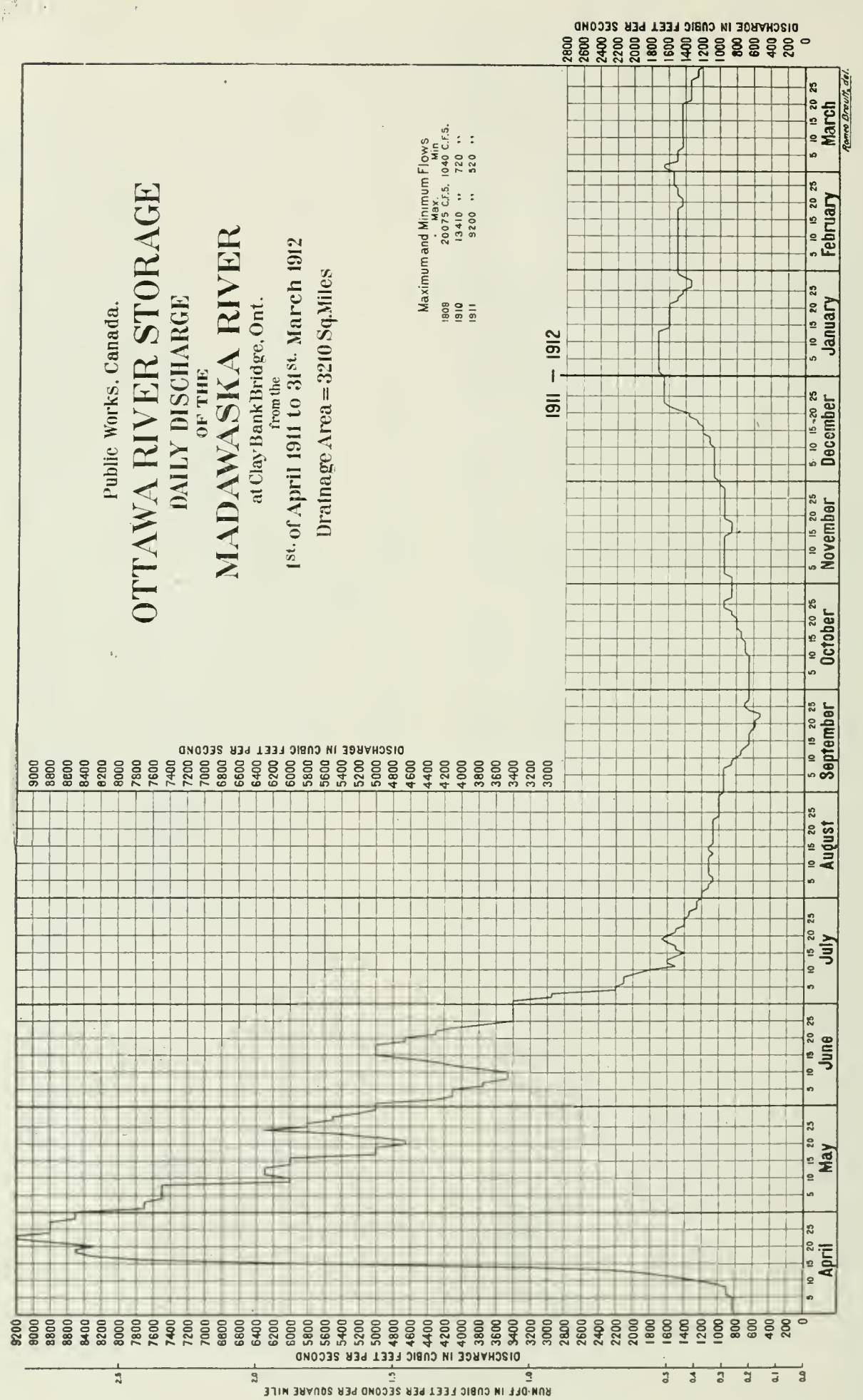
Public Works, Canada.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
MADAWASKA RIVER
at Clay Bank Bridge, Ont.
from the
1st. of April 1911 to 31st. March 1912
Drainage Area = 3210 Sq. Miles
Maximum and Minimum Flows
Max. Min
1909 20075 C.F.S. 1040 C.F.S.
1910 13410 " 720 "
1911 9200 " 320 "
1911 — 1912
DISCHARGE IN CUBIC FEET PER SECOND
RUN-OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
April
May
June
July
August
September
October
November
December
January
February
March
Pierre Breuth, del.

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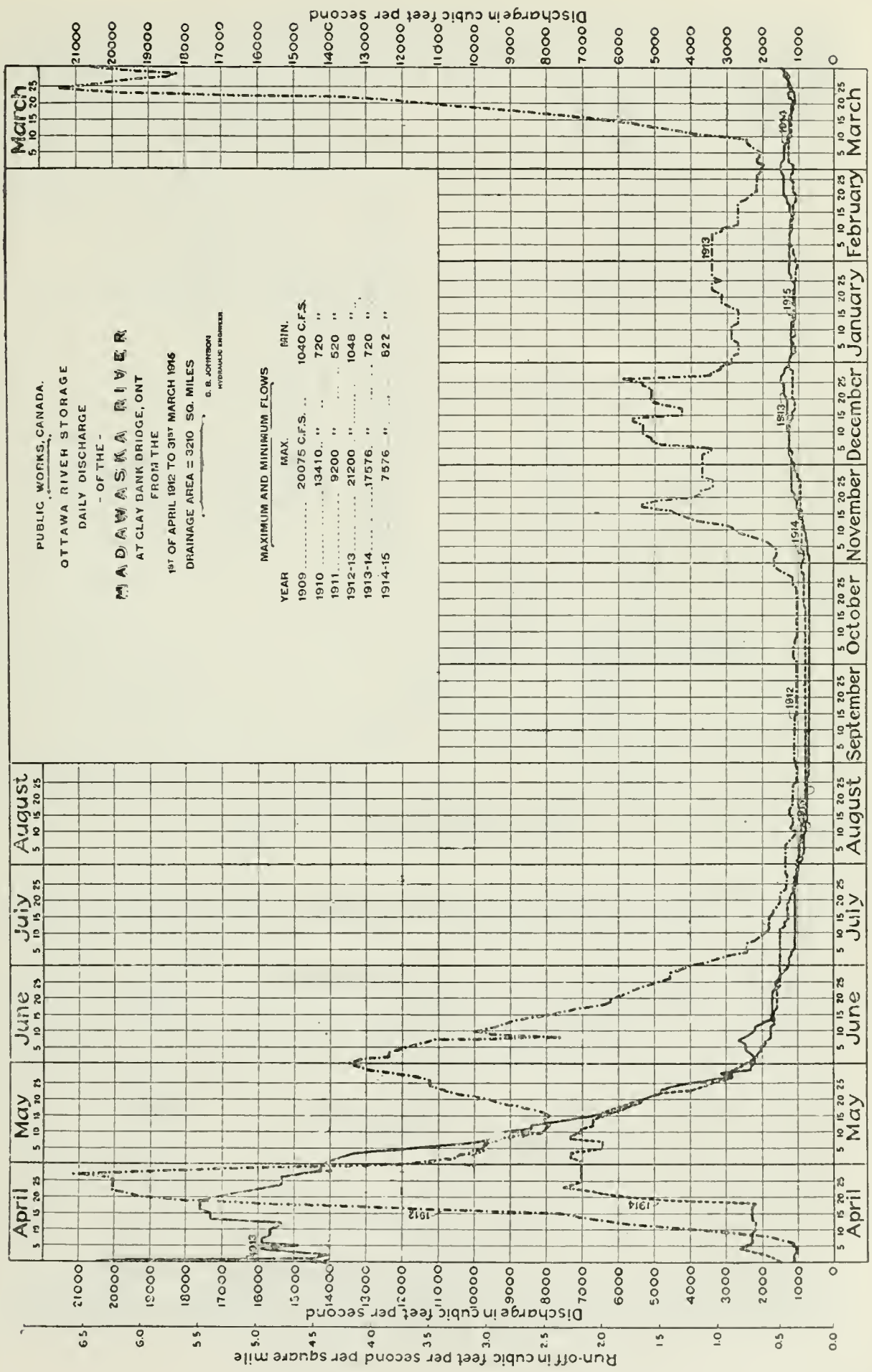

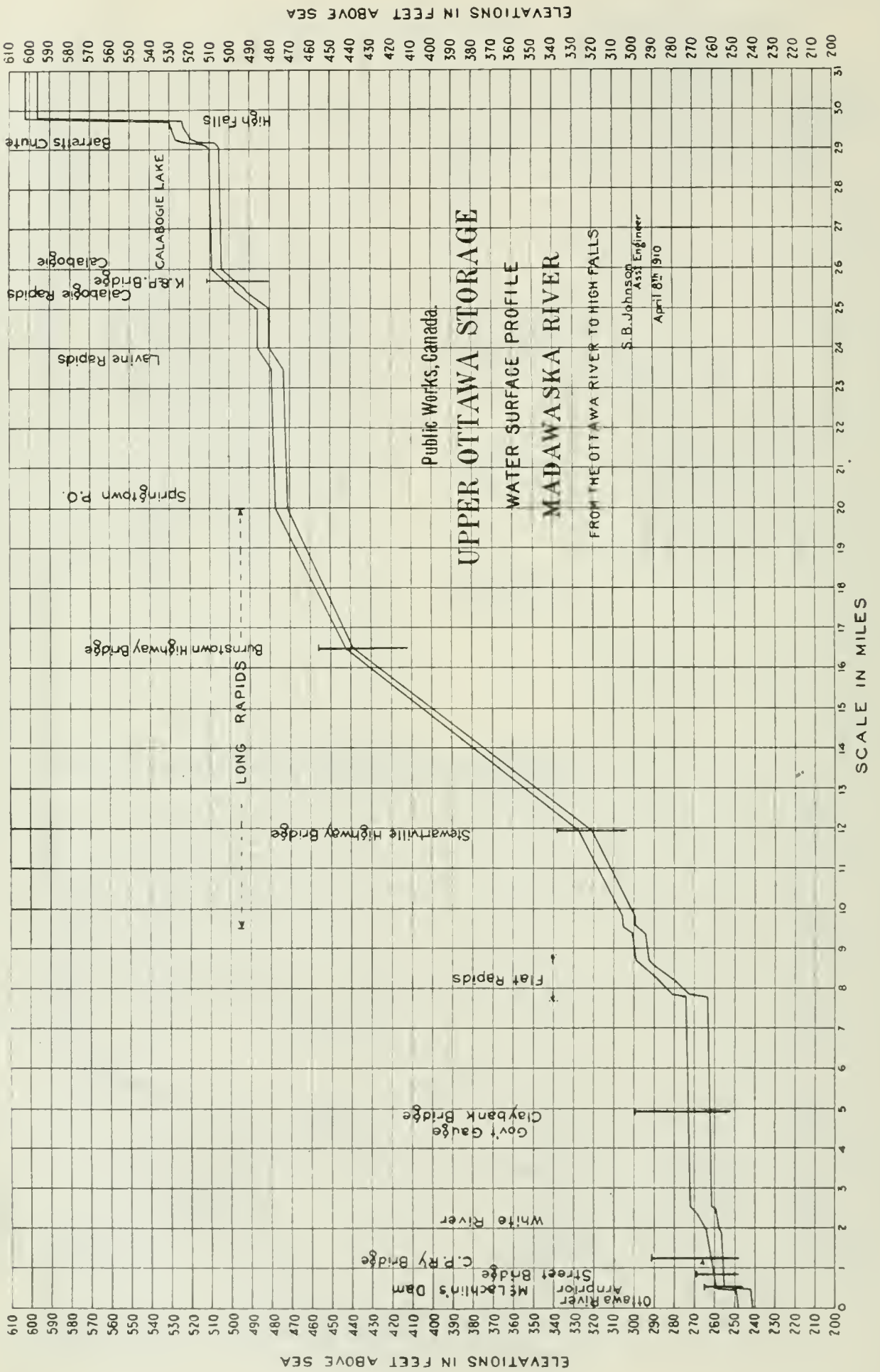
UPPER OTTAWA STORAGE
WATER SURFACE PROFILE
MADAWASKA RIVER
FROM THE OTTAWA RIVER TO HIGH FALLS
Public Works, Canada.
S.B. Johnson
Asst. Engineer
April 8th 1910
ELEVATIONS IN FEET ABOVE SEA
SCALE IN MILES
High Falls
Barretts Chute
CALABOGIE LAKE
Calabogie Rapids
K.&P. Bridge
Calabogie
Levine Rapids
Springtown P.O.
Burnstown Highway Bridge
LONG RAPIDS
Stewartville Highway Bridge
Flat Rapids
Govt Gauge
Claybank Bridge
White River
C.P.Ry Bridge
Ottawa River
Arnprior
Street Bridge
McLachlin's Dam

MISSISSIPPI RIVER.

Location of Gauge—On upstream side of highway bridge below the power plant at Galetta. The gauge is under the supervision of the Eastern Ontario district engineer for the Hydro-electric Commission of Ontario; data are exchanged where ever possible.

Drainage area.—1,400 square miles.

Discharge measurements.—These are made above the lower highway bridge at Galetta, Ont., from a row-boat.

DISCHARGE MEASUREMENTS of the Mississippi River.

Date.	Made by	W. S. Elevation.	Discharge in Sec.-ft.
1905			
April 8	J. Gillespie	91·99	7,755
June 14	O. M. Stitt	89·48	2,605
Aug. 5	A. L. MacLennan	88·74	1,376
Oct. 3	J. J. Collins	88·06	695
1903.			
Mar. 30	J. Gillespie		700
1908.			
May 20	D. H. Philp		2,862
1913.			
Dec. 2	J. Beauchemin		[1]776

[1]East channel.

OTTAWA RIVER AT FITZROY HARBOUR, ONT.

Gauge readings.—3rd February, 1905, to 29th December, 1906.

OTTAWA RIVER AT QUYON, QUE.

Location of Gauge.—Staff gauge on boat-house at Quyon landing.

Records available.—Gauge readings from 27th May to 12th June, 1914: 5th January, 1915, to date.

Drainage area.—34,270 square miles, below Quyon and Carp rivers.

Discharge measurements.—Made at the first narrows below Quyon from two boats attached together. Distances secured by triangulation.

Discharge curve.—Fairly well defined for medium and low-water flows.

Winter flow—Discharge relation not affected by ice to any perceptible degree.

Discharge Measurements of Ottawa River at Quyon, Que.

Date.	Hydrographer.	W.S. Elevations at Quyon.	W.S. Elevations at Britannia.	Discharge at Quyon.	Discharge at Chaudiere.
1913.				Sec.-ft.	Sec.-ft.
Nov. 21	J. A. Beauchemin		191·7	28,930	29,220
" 22	"		191·6	32,910	33,240
" 24	"		191·6	32,420	32,740
" 25	"		191·4	33,310	33,640
" 26	"		191·5	40,380	40,780
" 27	"		191·7	40,880	41,290
" 28	"		191·8	38,810	39,200
" 29	H. S. Patterson		192·0	45,320	45,770
Dec. 1	"		192·2	44,850	45,300
" 2	"		192·2	42,200	42,620
" 3	"		192·3	42,170	42,590
" 4	J. A. Beauchemin		192·3	45,670	46,130
" 5	"		192·3	46,540	47,010
" 6	"		192·2	43,340	43,770
" 10	"		192·4	44,740	45,190
" 11	"		192·3	41,940	42,360
" 12	"		192·2	44,230	44,670
" 13	"		192·1	43,950	44,390
" 15	"		192·0	41,600	42,020
" 16	"		192·0	40,370	40,770
" 17	"		191·9	39,800	40,200
" 18	"		191·8	41,700	42,120
" 20	"		191·9	38,770	39,160
" 22	"		191·7	36,560	36,930
1914.					
May 21	S. B. Johnson		193·1	63,550	64,190
July 4	G. B. Anderson		191·9	43,790	44,230
" 6	"		191·9	40,640	41,050
" 7	"		191·8	37,890	38,270
" 8	"		191·7	37,810	38,190
" 10	"		191·5	36,310	36,670
" 11	"		191·5	33,950	34,290
" 15	"		191·3	34,070	34,410
" 16	"		191·2	32,960	33,290
" 17	"		191·1	33,260	33,590
" 20	"		191·0	30,080	30,380
" 21	"		190·9	31,060	31,370
" 22	"		190·8	29,100	29,390
" 23	"		190·7	28,260	28,540
" 24	"		190·7	26,550	26,820
" 25	"		190·6	27,020	27,290
" 27	"		190·6	30,590	30,900
Oct. 8	"		188·9	9,050	9,140
" 13	"		189·0	9,240	9,330
" 14	"		188·9	9,650	9,750
" 15	"		188·9	9,700	9,800
" 16	"		188·9	9,260	9,350
" 19	"		189·0	10,050	10,150
" 20	"		189·0	8,980	9,070
" 21	"		188·9	9,690	9,790
" 29	"		188·8	9,340	9,430
Nov. 6	"		188·9	9,310	9,400
" 10	"		188·9	8,120	8,200
" 12	"		188·9	7,860	7,940
" 18	"		189·2	7,970	8,050
" 20	"		189·1	7,840	7,920
" 23	"		189·4	9,660	9,760
" 24	"		189·4	10,610	10,720
" 25	"		189·3	10,100	10,200
" 26	"		189·3	10,500	10,610
" 27	"		189·4	9,720	9,820
" 28	"		189·4	10,150	10,250
Dec. 4	"		189·6	12,150	12,270
" 9	"		189·7	13,150	13,280
" 10	"		189·7	13,180	13,310
" 11	"		189·7	13,380	13,510
" 16	"		189·7	12,460	12,580
" 17	"		189·6	11,920	12,040
" 18	"		189·6	12,490	12,610
" 19	"		189·5	12,270	12,390
" 28	"		189·5	11,270	11,380
" 29	"		189·4	11,450	11,560
" 30	"		189·4	12,220	12,340

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Discharge Measurements of Ottawa River at Quyon, Que.

Date.	Hydrographer.	Elevations at Quyon.	Elevations at Britannia.	Discharge at Quyon.	Discharge at Chaudiere.
1915.				Sec.-ft.	Sec.-ft.
Jan. 5	G. B. Anderson	189·5	189·4	10,460	10,560
" 9	"	189·5	189·5	11,790	11,910
" 12	"	189·6	189·5	12,130	12,250
" 13	"	189·6	189·5	12,380	12,500
" 14	"	189·6	189·5	11,470	11,580
" 15	"	189·6	189·5	12,040	12,160
" 16	"	189·6	189·5	11,890	12,010
" 18	"	189·6	189·5	12,070	12,190
" 19	"	189·6	189·6	11,940	12,060
" 20	"	189·6	189·5	11,770	11,890
" 26	"	189·6	189·5	12,200	12,320
" 27	"	189·6	189·5	11,830	11,950
" 28	"	189·5	189·5	11,760	11,880
" 29	"	189·5	189·4	11,860	11,980
Feb. 1	"	189·5	189·4	10,580	10,690
" 3	"	189·6	189·5	12,020	12,140
" 4	"	189·5	189·4	12,000	12,120
" 5	"	189·5	189·4	11,840	11,960
" 6	"	189·5	189·4	11,810	11,930
" 9	"	189·6	189·5	11,730	11,850
" 10	"	189·6	189·5	11,320	11,430
" 11	"	189·5	189·4	12,070	12,190
" 12	"	189·5	189·4	9,720	9,820
" 13	"	189·5	189·4	10,660	10,770
" 15	A. M. Kirkpatrick	189·6	189·5	11,250	11,360
" 16	"	189·5	189·4	11,050	11,160
" 22	G. B. Anderson	189·5	189·4	7,370	7,440
" 23	"	189·5	189·4	12,020	12,140
" 26	"	189·7	189·6	14,860	15,010
" 27	"	189·7	189·7	13,950	14,090
Mar. 1	A. M. Kirkpatrick	189·8	189·8	13,750	13,890
" 2	G. B. Anderson	189·7	189·7	13,300	13,430
" 3	"	189·6	189·7	13,080	13,210
" 4	"	189·6	189·6	12,090	12,210
" 5	"	189·6	189·5	11,460	11,570
" 6	"	189·5	189·5	10,720	10,830
" 8	A. M. Kirkpatrick	189·6	189·5	11,590	11,710
" 9	G. B. Anderson	189·5	189·4	10,990	11,100
" 10	"	189·5	189·4	10,780	10,890
" 11	"	189·4	189·4	11,720	11,840
" 12	Thos. Curtiss	189·4	189·4	10,940	11,050
" 13	"	189·4	189·3	11,420	11,530
" 15	"	189·5	189·4	11,980	12,100
" 16	"	189·5	189·4	12,710	12,840
" 17	"	189·5	189·4	12,220	12,340
" 20	"	189·4	189·4	11,130	11,240
" 24	"	189·8	189·7	15,190	15,340
" 26	"	190·0	190·0	15,550	15,710
" 27	"	190·0	190·0	15,840	16,000
" 30	"	189·9	190·0	14,180	14,320
" 31	"	189·9	189·9	13,720	13,860

BRITANNIA BAY, ONT.

Location of Gauge.—Staff gauge on breakwater in front of old clubhouse of Britannia boating club.

Records available.—Gauge readings at head of Deschenes rapids, 3rd July, 1901, to 29th December, 1906; a few scattered readings were taken during March, April, and May, 1907, and during May and June (1st to 13th), 1908; 3rd May, 1909, to date.

Foot of Deschenes rapids, 3rd July, 1901, to 30th June, 1905.

OTTAWA RIVER BETWEEN DESCHENES RAPIDS AND OTTAWA CITY.

Gauge readings available.—Baker's bay, weekly readings from 3rd July, 1901, to 1st October, 1905. Skead's mills, 11th October, 1904, to 30th June, 1905. Little Chaudiere falls, weekly readings during 1904. Ottawa waterworks, scattered readings from 25th July, 1901, to 30th June, 1905. Head of Booth's mills, 11th October, 1904, to 30th June, 1905. Head of Eddy's mills, 11th October, 1904, to 30th June, 1905. Bronson's point, scattered readings from 25th July, 1901, to 30th December, 1904; complete for 1905 and 1906.

DISCHARGE MEASUREMENTS of the Ottawa River above Chaudiere Falls, Ottawa.

Date.	Made by	W.S.elevation Britannia Bay gauge.	Discharge in Sec.-ft.
1904			
Mar. 17–18	A. McDougall	189·40	11,500
May 9–12	"	196·70	129,450
June 13	"	197·25	145,120
July 4–5	"	194·60	78,860
Aug. 1–2	"	192·20	43,520
1905			
Aug. 10	S. B. Johnson	191·40	31,450
Sept. 30	J. B. McRae	191·15	23,000
1906			
Sept. 17	S. B. Johnson	189·90	12,200
" 18–19	"	189·80	13,250
Mar. 18–19	"	189·65	14,020
1911			
Nov. 16	"	190·90	19,960
1912.			
Dec 28–31	"	191·67	33,000
1913			
Sept. 15–17	A. M. Kirkpatrick	190·72	19,430
Dec. 11–16	H. S. Paterson	192·65	42,300
" 19–22	S. B. Johnson	192·27	35,750

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Discharge Measurements of the Ottawa River at Chaudiere Falls.

Date.	Made by	Discharge in Sec.-ft.	Remarks.
1905.			
June 21	F. W. Anderson	680	Waterworks aqueducts.
July 12	"	1,090	Ottawa Elec. Co. No. 1 head-race.
" 14	"	540	Ottawa Investment Co., above rack.
" 14	"	520	" " below rack.
" 15	"	970	Bronson's electric power house, head-race
" 17	"	270	O. E. Ry. power house, tail race.
" 20	"	1,560	Ottawa and Hull Power Co., tail race.
" 22	"	2,590	J. R. Booth's pond, above sawmills.
" 24	"	3,720	J. R. Booth's pulp mill, tail race.
" 25	"	410	North slide—float measurement.
" 25	"	5,080	E. B. Eddy's bulkhead.
Aug. 18	"	930	O. E. Ry. power house, tail race.
" 19	"	928	O. E. Co., No. 1 power house.
" 19	"	980	Bronson's head race.
" 21	"	3,500	J. R. Booth's pulp mill, tail race.
" 21	"	3,570	J. R. Booth's saw mill, head race.
" 21	"	1,550	Ottawa and Hull Power Co.
" 22	"	4,100	E. B. Eddy's bulkhead
" 22	"	540	Ottawa Waterworks channel.
1906.			
Sept. 27	J. E. Walsh	2,420	J. R. Booth's mill race.
" 27	"	1,370	J. R. Booth's pulp mill, tail race.
Oct. 2	"	2,100	Buchanan channel.
" 2	"	550	O. E. Ry. channel at bulkhead.
" 2	"	1,260	No. 2 power house at bulkhead.
" 3	"	1,910	J. R. Booth's mill pond.
" 3	"	1,770	" "
" 5	"	1,760	J. R. Booth's mill race.
" 6	"	600	Bronson's head race.
" 6	"	480	O. E. Ry. power house.
" 6	"	1,210	No. 1 power house, head race.
" 8	"	690	Bronson's head race.
" 8	"	570	O. E. Co. power house No. 1
" 8	"	670	O. E. Ry., tail race.
" 8	"	1,030	No. 2 power house, head race
" 9	"	2,210	J. R. Booth's saw mill, head race.
" 9	"	1,130	No. 2 power house, head race.
" 10	"	1,080	" "
" 10	"	1,190	" "
" 10	"	580	O. E. Ry. channel from bulkhead.
" 10	"	700	Estimate.
" 10	"	1,140	Buchanan channel.
Nov. 19	"	2,450	J. R. Booth's saw mill, head race.
" 19	"	2,600	Buchanan channel.
" 19	"	1,840	O. E. Ry. channel.
" 19	"	1,240	No. 2 power house channel.
1908			
Dec 16	S. B. Johnson	1,880	Channel No. 1.
" 16	"	1,560	" " 2.
" 17	"	4,183	" " 3.
" 17	"	8,970	" " 4
" 29	"	590	Ottawa Power Co., head race

Monthly Discharge of Ottawa River near Britannia Bay, for 1901 to 1905.

(Drainage area, 34,620 square miles.)

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent. of Rainfall.		
1901–02.								
July	44,290	22,100	33,350	0·963	1·110	33	69	3·4
August	23,190	16,120	18,180	0·525	0·605	14	65	4·3
September	15,310	11,210	12,870	0·371	0·414	17	58	2·5
October	16,200	10,260	12,000	0·349	0·402	21	49	1·9
November	19,870	14,790	16,610	0·479	0·535	17	27	3·1
December	20,880	13,850	17,690	0·511	0·589	19	16	3·1
January	20,340	14,560	17,080	0·493	0·568	20	10	2·8
February	14,480	12,600	13,110	0·379	0·395	19	25	2·1
March	49,460	12,810	30,830	0·891	1·027	33	32	3·1
The period								
1902–03.								
April	73,300	56,780	68,180	1·969	2·197	122	43	1·8
May	94,140	67,890	83,310	2·406	2·774	116	52	2·4
June	78,650	67,890	74,500	2·152	2·402	60	58	4·0
July	65,710	38,460	47,660	1·379	1·590	29	66	5·5
August	36,550	20,250	29,580	0·854	0·985	41	61	2·4
September	24,420	16,650	20,070	0·579	0·646	18	58	3·5
October	25,500	19,000	22,500	0·650	0·749	19	42	4·0
November	52,250	24,280	41,660	1,203	1,343	64	35	2·1
December	51,430	27,590	42,220	1·220	1·407	56	12	2·5
January	47,240	13,820	20,590	0·595	0·686	36	9	1·9
February	16,420	13,080	14,110	0·407	0·424	13	13	3·3
March	71,030	17,280	42,140	1·217	1·403	94	33	1·5
The year	94,140	13,080	42,210	1·219	16·606	48	40	34·9
1903–04.								
April	68,670	58,410	63,960	1·847	2·061	229	42	0·9
May	85,010	57,690	72,350	2·090	2·410	185	56	1·3
June	72,880	58,410	54,820	1·583	1·767	34	59	5·2
July	79,680	39,360	50,760	1·466	1·690	40	66	4·2
August	39,220	23,100	31,120	0·899	1·037	32	60	3·2
September	27,780	19,000	22,790	0·658	0·734	27	57	2·7
October	34,330	24,960	29,470	0·851	0·981	49	46	2·0
November	28,760	17,180	22,460	0·649	0·724	80	29	0·9
December	18,860	12,840	14,360	0·415	0·478	23	6	2·1
January	12,840	10,100	11,640	0·336	0·387	15	2	2·6
February	10,100	9,100	9,790	0·283	0·305	17	1	1·8
March	15,190	8,870	10,430	0·301	0·347	11	21	3·0
The year	85,010	9,100	32,830	0·949	12·921	43	37	29·9
1904–05.								
April	95,780	16,560	56,714	1·638	1·828	51	35	3·6
May	133,930	104,480	125,560	3·626	4·180	116	56	3·6
June	145,980	94,140	123,269	3·560	3·972	124	62	3·2
July	88,650	38,300	61,710	1·783	2·055	73	65	2·8
August	38,300	19,650	25,843	0·746	0·860	24	61	3·6
September	27,080	19,430	21,545	0·622	0·694	13	52	5·4
October	47,390	27,570	37,960	1·096	1·263	57	42	2·2
November	45,160	27,120	34,382	0·993	1·108	85	29	1·3
December	26,760	19,000	23,362	0·675	0·778	41	5	1·9
January	21,790	11,680	15,517	0·448	0·516	21	3	2·5
February	11,830	10,460	11,237	0·325	0·338	21	9	1·6
March	11,050	9,580	11,766	0·340	0·392	44	25	0·9
The year	145,980	9,580	45,739	1·321	17·984	55	37	32·6

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Monthly Discharge of Ottawa River near Britannia Bay, for 1905 to 1910.

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, inche,
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent of Rainfall.		
1905-06.								
April	51,620	25,270	40,852	1·180	1·316	101	40	1·3
May	79,680	36,510	63,509	1·835	2·115	73	53	2·9
June	69,420	43,090	57,791	1·669	1·862	53	63	3·5
July	42,820	29,650	34,009	0·982	1·132	25	67	4·5
August	34,330	20,090	25,698	0·742	0·855	36	63	2·4
September	28,870	21,150	23,542	0·680	0·758	19	58	3·9
October	31,260	18,260	22,574	0·652	0·751	29	44	2·6
November	29,650	19,000	21,372	0·617	0·688	38	28	1·8
December	25,230	15,270	18,659	0·539	0·621	31	18	2·0
January	32,300	14,870	20,167	0·583	0·672	29	22	2·3
February	30,480	17,670	23,176	0·669	0·696	39	14	1·8
March	20,470	13,720	17,245	0·498	0·574	48	18	1·2
The year	79,680	13,720	30,716	0·887	12·040	60	41	30·2
1906-07.								
April	68,444	20,844	42,066	1·215	1·355	170	41	0·8
May	98,168	65,584	85,895	2·481	2·860	179	52	1·6
June	88,216	77,210	83,566	2·414	2·694	60	66	4·5
July	71,486	27,000	46,094	1·331	1·534	96	68	1·6
August	26,600	13,990	19,364	0·559	0·644	28	69	2·3
September	14,200	9,940	11,540	0·333	0·371	15	62	2·4
October	12,720	9,980	10,916	0·315	0·363	10	48	3·5
November	14,870	11,917	13,435	0·388	0·433	17	31	2·6
December	14,950	11,940	13,329	0·385	0·443	16	13	2·7
January	.....	.....	[1]7,700	0·222	0·256	28	7	0·9
February	.....	.....	[1]8,000	0·231	0·240	14	5	1·7
March	.....	.....	[1]12,500	0·361	0·416	21	24	2·0
The year	98,168	9,940	29,534	0·853	11·609	44	41	26·6
1908-09.								
April	.....	.....	[3]46,180	1·334	1·489	115	34	1·3
May	153,010	110,636	132,520	3·828	4·414	110	35	4·0
[2]June	132,930	112,920	127,910	3·694	4·123	412	64	1·0
July	.....	.....	[3]58,880	1·701	1·961	85	69	2·3
August	.....	.....	[3]30,690	0·886	1·022	73	64	1·4
September	.....	.....	[3]16,170	0·467	0·521	37	60	1·4
October	.....	.....	[3] 9,750	0·272	0·314	22	40	1·4
November	.....	.....	[3] 9,510	0·275	0·307	20	32	1·5
December	.....	.....	[3] 9,320	0·269	0·310	10	13	3·1
January	21,000	16,500	18,360	0·530	0·611	16	8	3·3
February	22,500	19,000	20,630	0·595	0·619	28	9	2·2
March	26,800	21,000	22,790	0·658	0·759	19	24	3·9
The year	153,010	16,500	41,890	1·209	16·450	61	38	26·8
1909-10.								
April	89,500	23,500	59,290	1·712	1·911	68	34	2·8
May	158,000	80,000	120,500	3·481	4·014	89	50	4·5
June	158,000	74,500	112,710	3·256	3·631	227	62	1·6
July	74,500	43,800	57,640	1·664	1·918	37	65	5·2
August	62,000	34,000	46,740	1·353	1·560	52	64	3·0
September	36,000	31,500	33,210	0·959	1·070	44	56	2·4
October	33,000	29,500	31,140	0·899	1·036	74	43	1·4
November	35,000	32,000	33,210	0·959	1·070	45	34	2·4
December	41,500	27,500	33,500	0·968	1·116	45	19	2·5
January	27,500	21,500	24,190	0·699	0·806	38	17	2·1
February	22,500	17,200	19,070	0·550	0·572	52	11	1·1
March	46,500	16,000	25,840	0·746	0·860	78	31	1·1
The year	158,000	16,000	49,780	1·437	19·567	65	41	30·1

[1]Estimated by subtracting flow of Gatineau and Rideau rivers from Besserer's Grove.
[2]Record for half month only in June.
[3]Estimated by subtracting discharge of Gatineau and Rideau from Besserer's.

Monthly Discharge of Ottawa River near Britannia Bay, for 1910 to 1914.

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent of Rainfall.		
1910–11.								
April	73,000	46,500	65,000	1·877	2·095	150	47	1·4
May	75,500	61,000	68,490	1·977	2·279	95	53	2·4
June	70,000	45,000	59,860	1·729	1·930	121	64	1·6
July	45,000	25,600	33,490	0·967	1·115	59	69	1·9
August	39,500	37,000	35,330	1·020	1·176	24	65	5·0
September	28,500	21,000	24,830	0·717	0·800	50	54	1·6
October	33,500	20,500	27,910	0·806	0·929	28	44	3·3
November	37,300	32,500	36,140	1·044	1·165	73	31	1·6
December	39,500	23,000	29,210	0·844	0·973	88	11	1·1
January	23,000	13,000	16,930	0·489	0·564	30	10	1·9
February	13,500	8,300	10,830	0·313	0·326	17	10	1·9
March	12,500	6,800	8,690	0·251	0·289	17	21	1·7
The year	75,500	6,800	34,730	1·003	13·641	63	40	25·4
1911–12.								
April	61,400	13,200	49,470	1·169	1·305	100	38	1·3
May	106,000	65,100	90,030	2·600	2·998	115	59	2·6
June	87,300	55,300	69,310	2·002	2·234	62	59	3·6
July	55,300	21,700	36,640	1·058	1·220	55	70	2·2
August	22,800	18,700	20,870	0·603	0·695	27	66	2·6
September	18,900	13,900	16,189	0·467	0·521	20	55	2·6
October	16,000	12,500	13,460	0·389	0·448	16	44	2·8
November	26,000	16,200	20,340	0·587	0·655	20	27	3·3
December	29,200	26,000	27,950	0·807	0·930	52	25	1·8
January	26,850	25,400	25,860	0·747	0·861	36	1	2·4
February	25,300	18,600	22,120	0·639	0·689	29	9	2·4
March	19,100	17,350	18,399	0·531	0·612	68	16	0·9
The year	106,000	12,500	33,460	0·966	13·168	46	39	28·5
1912–13.								
April	62,700	14,250	39,865	1·151	1·184	60	36·4	1·97
May	117,300	61,000	82,822	2·392	2·758	58	52·6	4·77
June	117,300	63,575	90,898	2·625	2·929	142	59·7	2·06
July	61,000	30,100	42,119	1·216	1·402	49	66·6	2·88
August	29,625	21,000	25,260	0·730	0·842	21	59·5	4·08
September	21,500	19,500	20,567	0·594	0·663	18	47·2	3·59
October	32,500	19,500	23,079	0·666	0·768	26	46·5	2·95
November	50,300	31,900	40,643	1·157	1·291	51	31·9	2·52
December	45,700	29,525	34,322	0·991	1·143	54	21·1	2·13
January	30,100	25,075	28,173	0·814	0·938	27	17·1	3·54
February	27,800	22,000	24,814	0·717	0·746	50	6·1	1·48
March	61,850	22,500	36,225	1·046	1·206	45	24·4	2·69
The year	117,300	14,250	40,734	1·177	15·870	46	39·1	34·66
1913–14								
April	73,700	68,000	69,643	2·011	2·244	123	42·5	1·83
May	114,700	67,100	90,678	2,619	3·020	155	51·4	1·95
June	65,300	31,900	49,755	1·437	1·604	125	62·7	1·28
July	30,700	23,000	25,655	0·741	0,854	32	67·2	2·68
August	24,550	18,050	21,523	0·622	0·717	19	64·9	3·75
September	21,500	17,600	19,772	0·572	0·638	24	56·3	2·66
October	23,000	15,475	17,598	0·508	0·586	15	47·6	3·96
November	41,950	22,500	30,392	0·878	0·980	32	35·7	3·05
December	45,700	29,520	38,948	1·125	1·297	70	23·1	1·86
January	29,520	19,500	23,565	0·681	0·785	30	10·5	2·62
February	21,600	19,000	17,910	0·517	0·538	26	3·5	2·05
March	26,700	17,600	20,059	0·579	0·668	40	19·6	1·66
The year	114,700	15,475	35,527	1·026	13·931	47	40·4	29·35

Note.—Mean monthly precipitation was computed from 6 rainfall observation stations, viz.: Public Works Department stations at Quinze dam and Timiskaming; Dominion Meteorological Service at Haileybury, Stonecliff, and Renfrew, and at Ottawa by Wm. T. Ellis, Central Experimental Farm.

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Monthly Discharge of Ottawa River near Britannia Bay for 1914 and 1915.

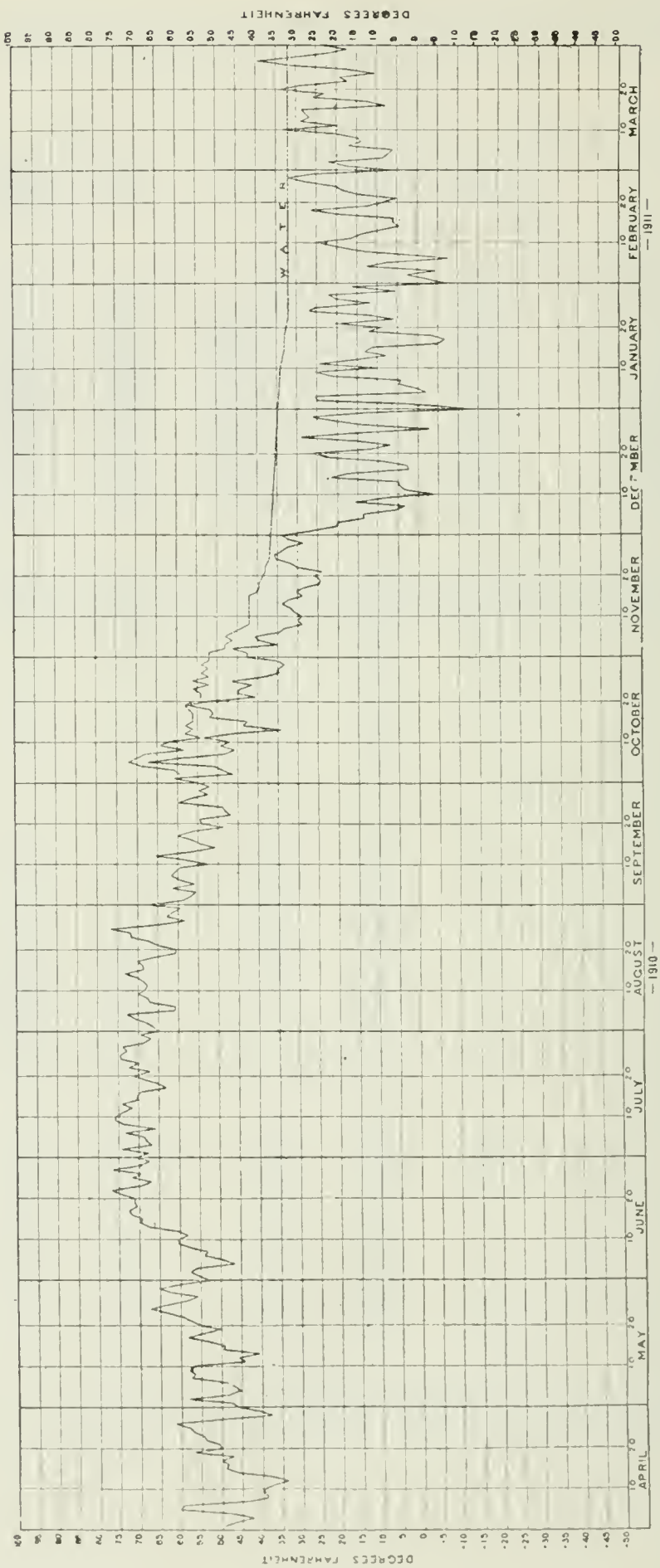
	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, inches
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent. of Rainfall.		
1914–15.								
April	58,047	22,512	31,941	0·922	1·029	38	36·4	2·73
May	74,532	47,394	64,645	1·867	2·153	224	56·6	0·96
June	47,394	35,913	42,295	1·222	1·364	52	60·6	2·65
July	43,094	17,290	30,090	0·869	1·002	66	67·0	1·52
August	17,290	11,300	13,409	0·387	0·446	20	64·2	2·27
September	12,420	10,060	11,086	0·320	0·357	12	56·4	2·93
October	10,180	9,100	9,470	0·274	0·316	12	46·5	2·65
November	11,835	8,750	10,063	0·291	0·325	11	27·1	3·03
December	13,990	11,400	12,430	0·359	0·414	23	13·3	1·78
January	12,420	11,300	11,840	0·342	0·394	18	12·3	2·21
February	13,330	11,300	11,735	0·339	0·353	20	16·9	1·80
March	15,910	11,050	12,587	0·364	0·420	120	23·1	0·35
The year	74,532	8,750	21,860	0·631	8·573	35	40·0	24·88

Note.—Mean monthly precipitation was computed from 7 rainfall observation stations, viz.—Public Works Department stations at Quinze dam and Timiskaming, Dominion Meteorological Service at Haileybury, Rutherglen, Stonecliffe and Renfrew, and at Ottawa, by Wm. T. Ellis, Central Experimental Farm.

PUBLIC WORKS, CANADA.

OTTAWA RIVER STORAGE

DAILY TEMPERATURES OF AIR AND WATER AT OTTAWA ONT.



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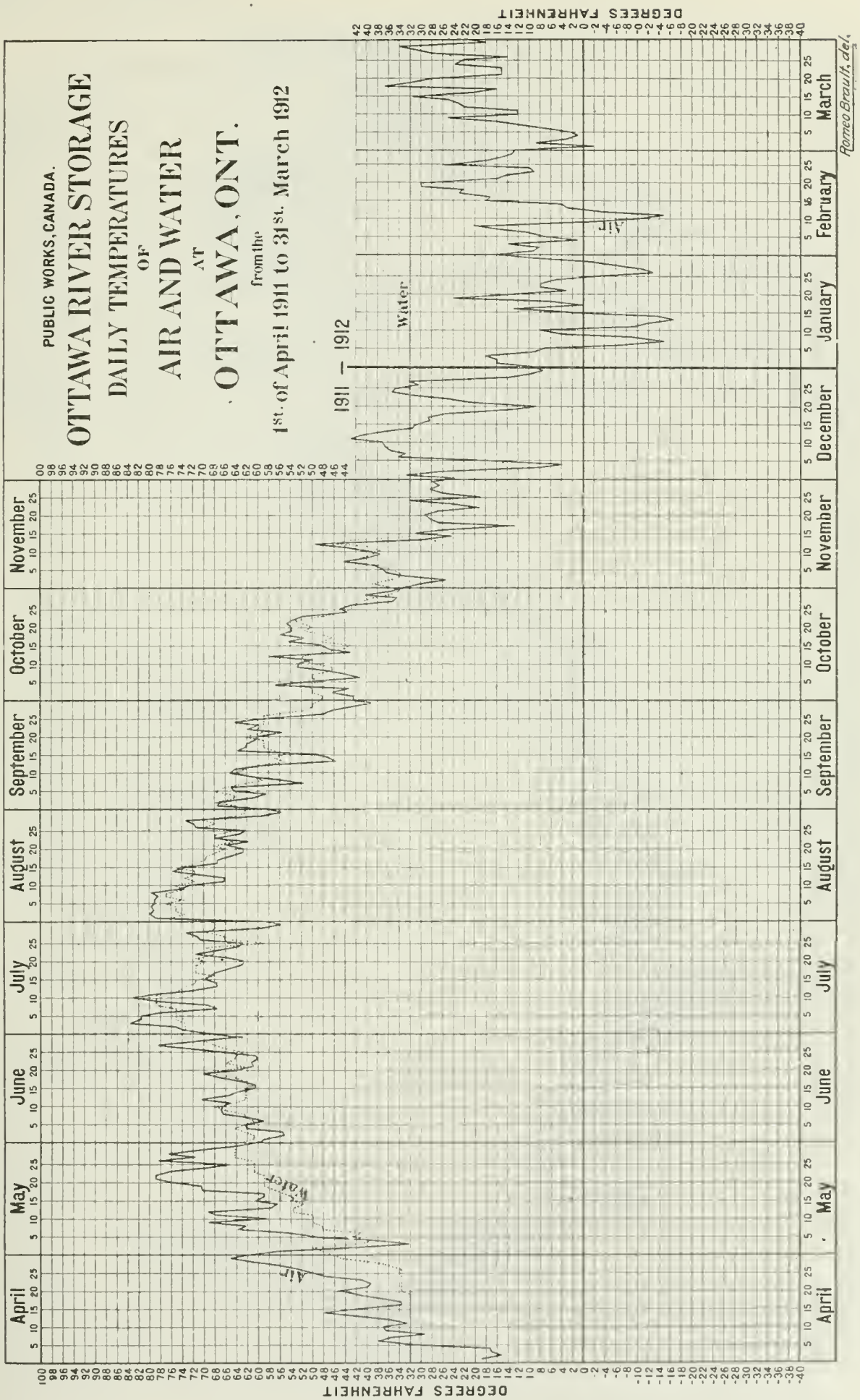

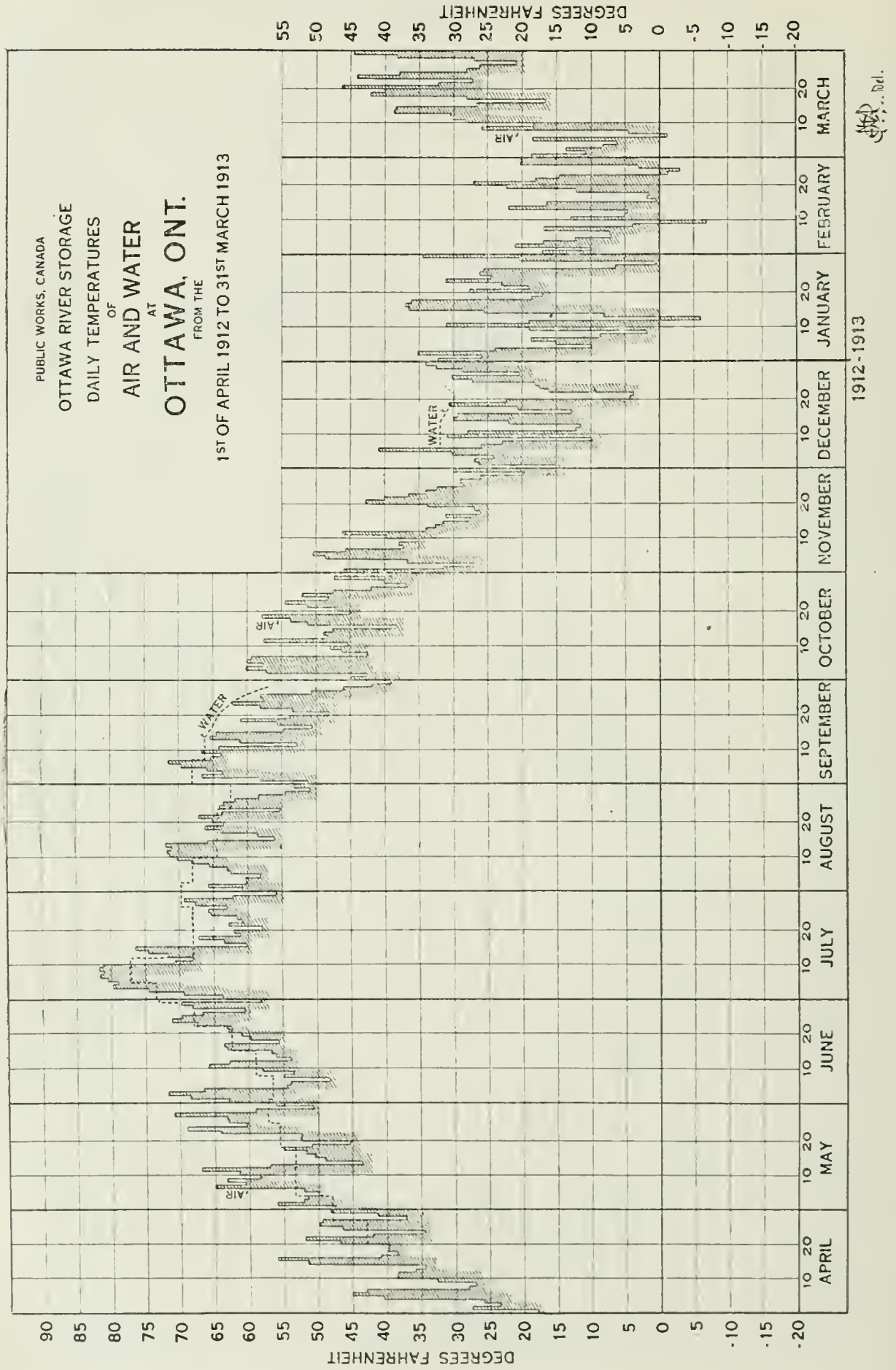
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OTTAWA RIVER STORAGE
DAILY TEMPERATURES
OF
AIR AND WATER
AT
OTTAWA, ONT.
FROM THE
1ST OF APRIL 1912 TO 31ST MARCH 1913
DEGREES FAHRENHEIT
AIR
WATER
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
1912-1913

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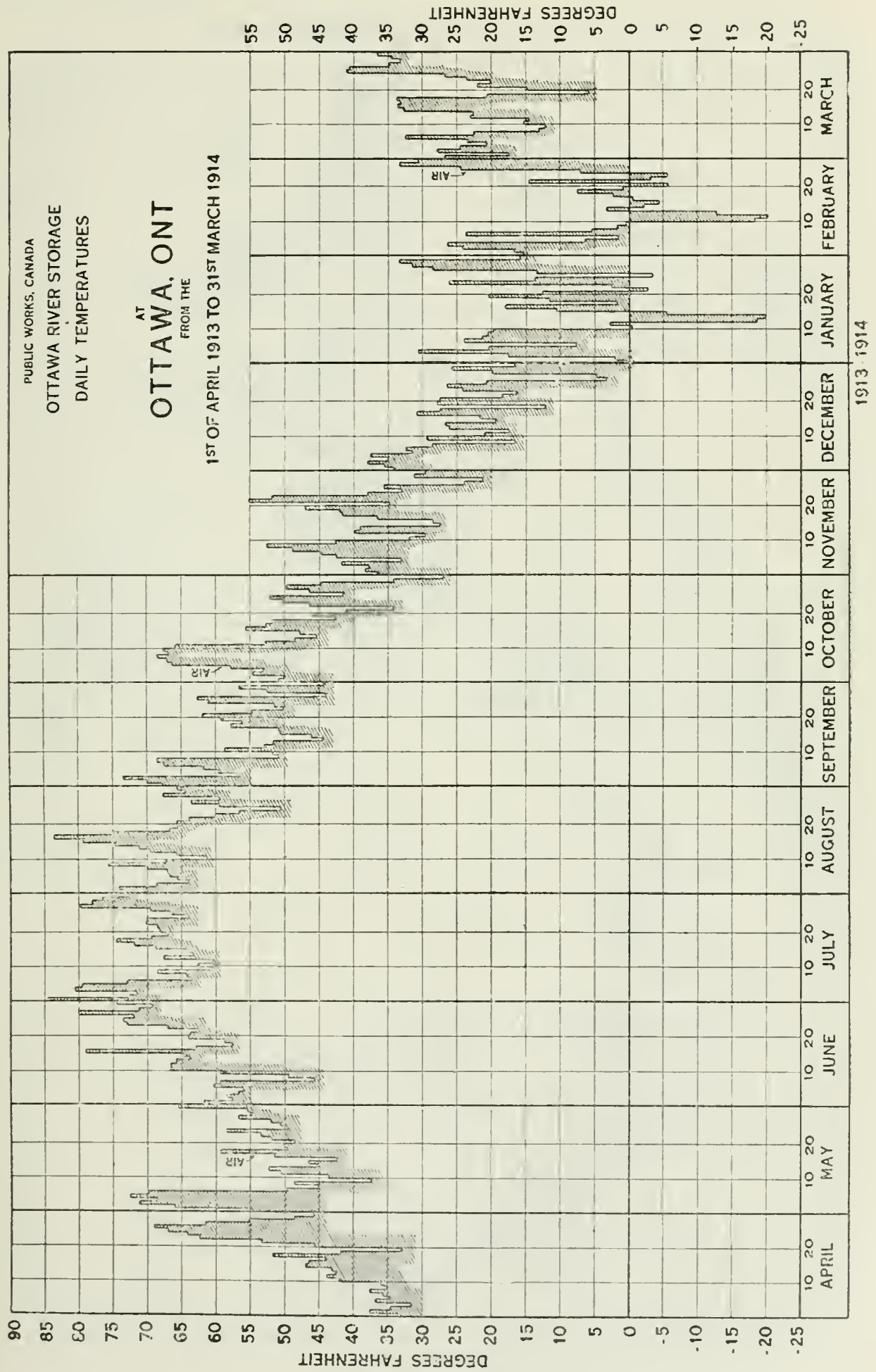
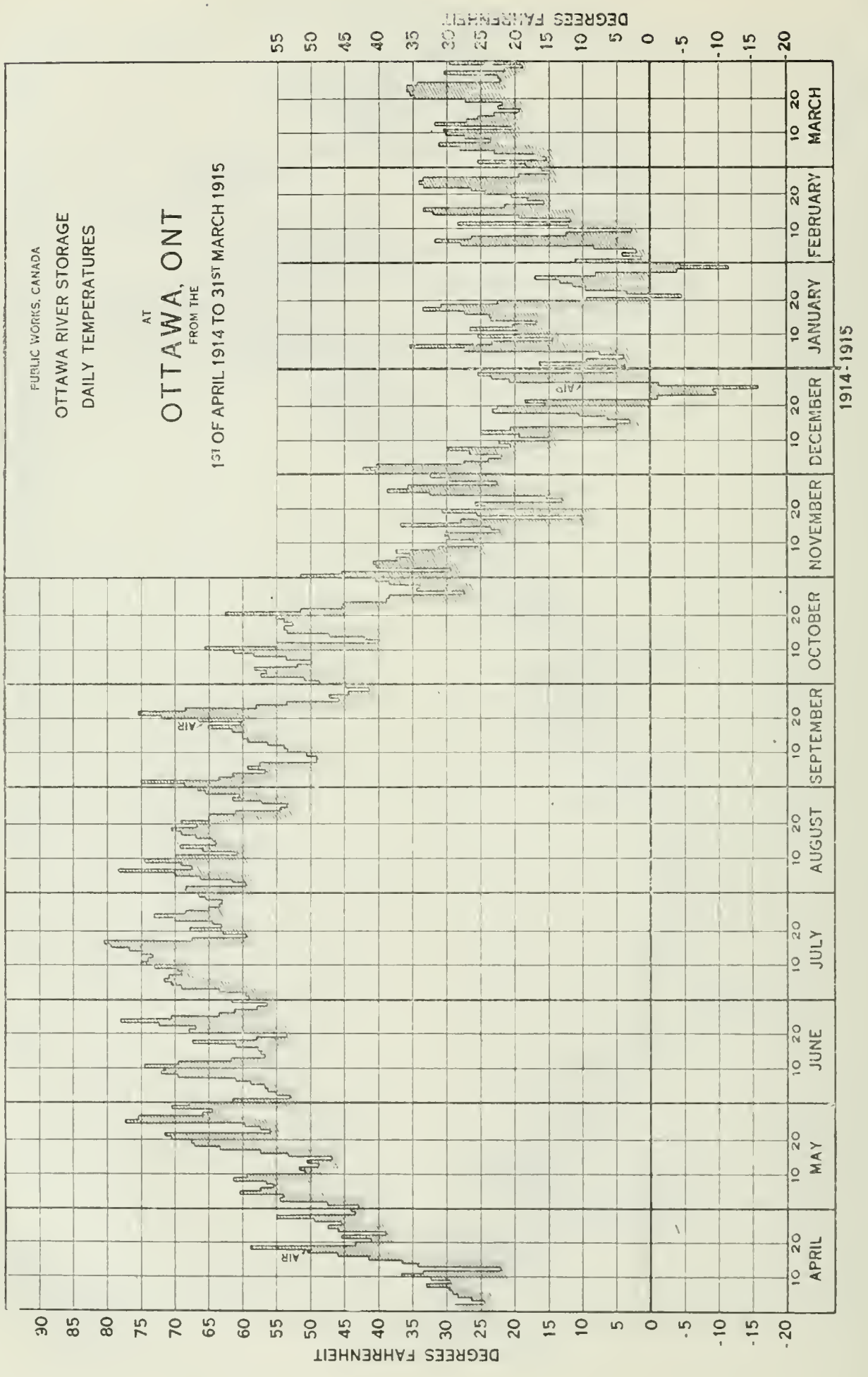
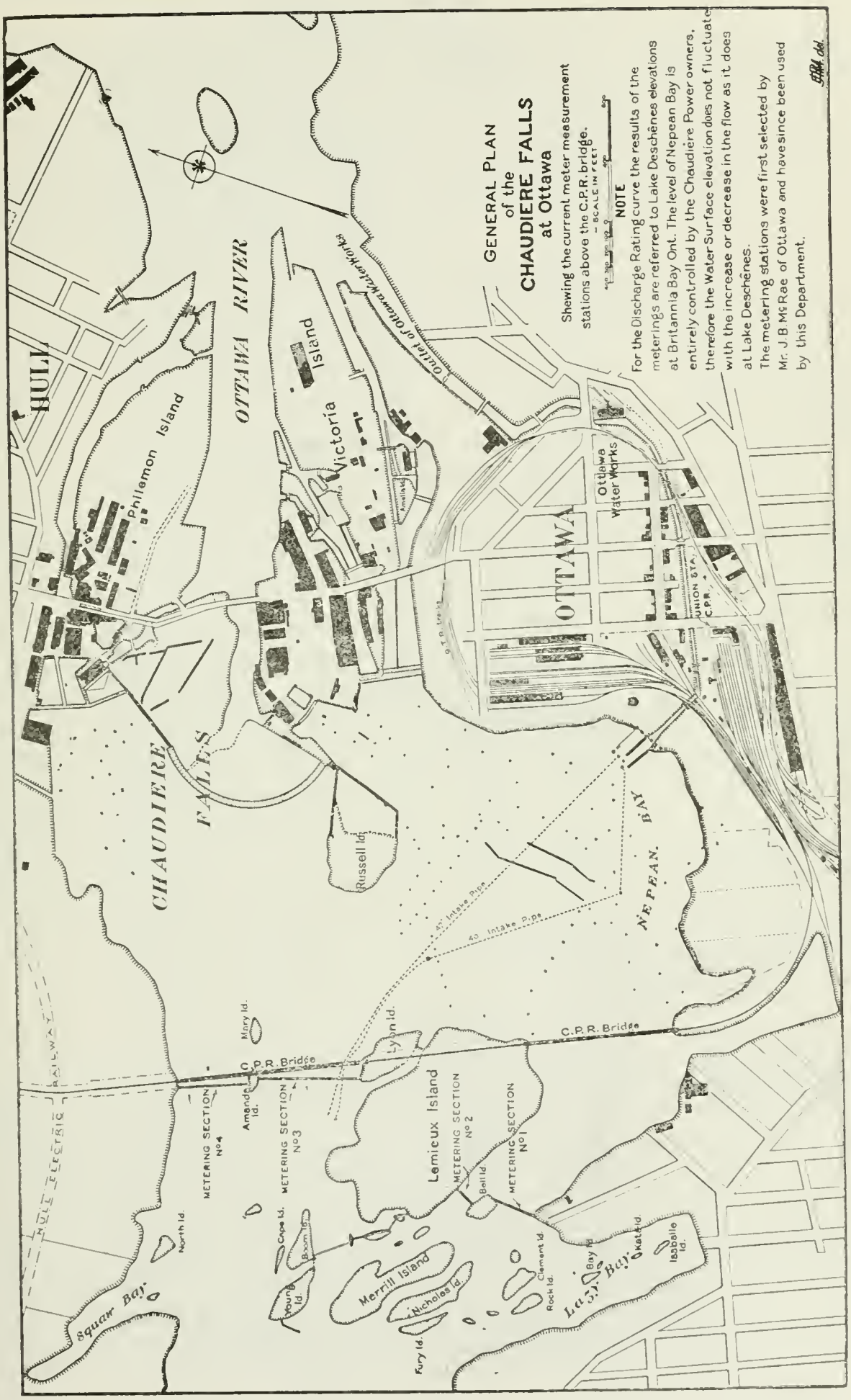
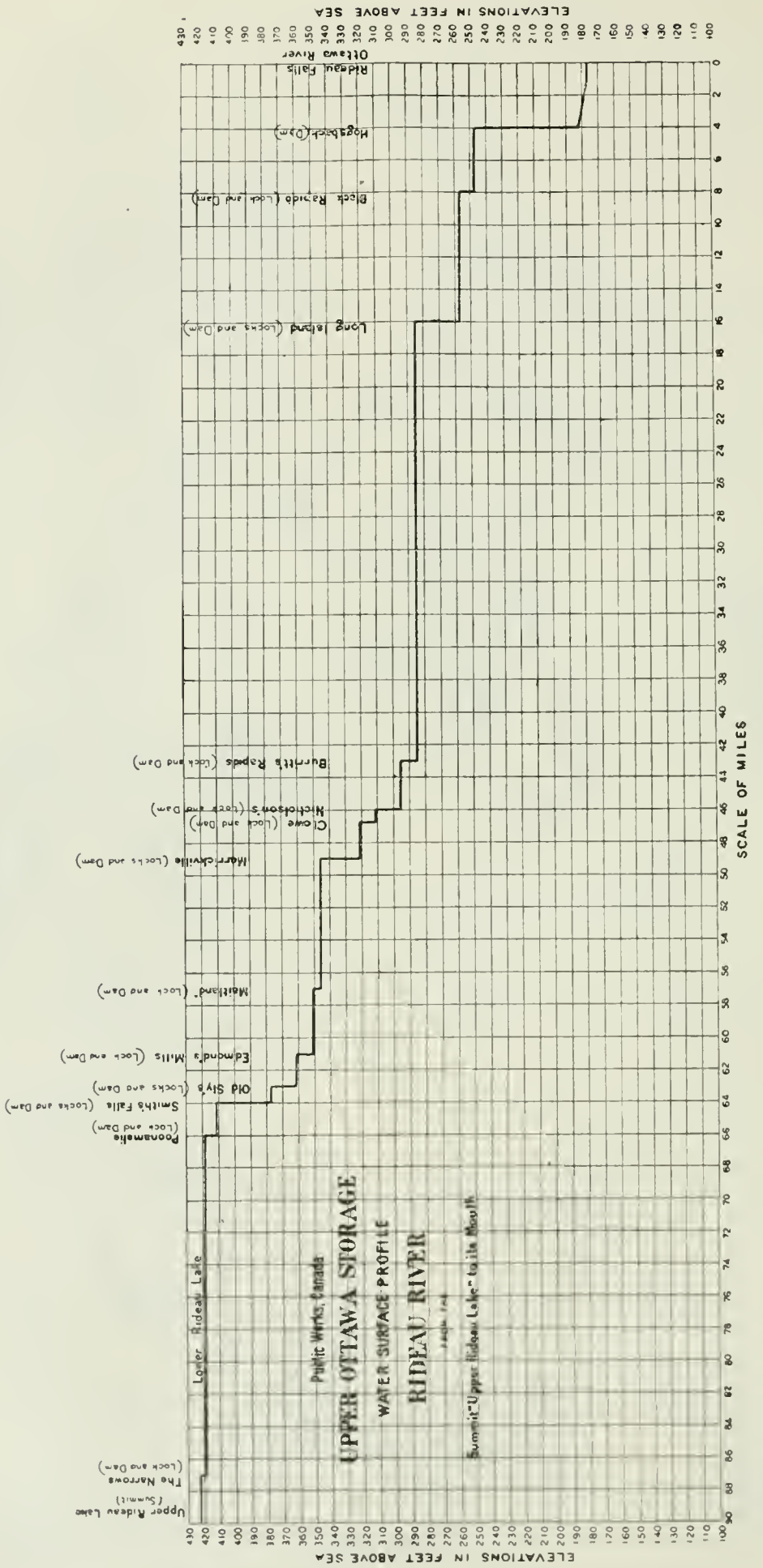



PUBLIC WORKS, CANADA
OTTAWA RIVER STORAGE
DAILY TEMPERATURES
AT
OTTAWA, ONT
FROM THE
1ST OF APRIL 1914 TO 31ST MARCH 1915
DEGREES FAHRENHEIT
AIR
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
JANUARY
FEBRUARY
MARCH
1914-1915

SESSIONAL PAPER No. 19a


GENERAL PLAN
of the
CHAUDIERE FALLS
at Ottawa
Shewing the current meter measurement stations above the C.P.R. bridge.
NOTE
For the Discharge Rating curve the results of the meterings are referred to Lake Deschênes elevations at Britannia Bay Ont. The level of Nepean Bay is entirely controlled by the Chaudiere Power owners, therefore the Water-Surface elevation does not fluctuate with the increase or decrease in the flow as it does at Lake Deschênes.
The metering stations were first selected by Mr. J. B. McRae of Ottawa and have since been used by this Department.
OTTAWA RIVER
HULL
OTTAWA
CHAUDIERE FALLS
Victoria Island
Philemon Island
Outlet of Ottawa Waterworks
Ottawa Water Works
C.P.R. UNION STA.
Russell Id.
NEPEAN BAY
40" Intake Pipe
40" Intake Pipe
C.P.R. Bridge
C.P.R. Bridge
Mary Id.
Lynn Id.
Amanda Id.
Lemieux Island
METERING SECTION No 4
METERING SECTION No 3
METERING SECTION No 2
METERING SECTION No 1
HULL ELECTRIC RAILWAY
Squaw Bay
North Id.
Cape Id.
Mound Id.
Boom Id.
Merrill Island
Nicholas Id.
Fury Id
Bell Id.
Clement Id
Rock Id.
Bay Id.
Isabelle Id.


UPPER OTTAWA STORAGE
WATER SURFACE PROFILE
RIDEAU RIVER
Public Works, Canada
Upper Rideau Lake (Summit)
The Narrows (Lock and Dam)
Lower Rideau Lake
Poonamalie (Lock and Dam)
Smiths Falls (Locks and Dam)
Old Sly's (Locks and Dam)
Edmond's Mills (Lock and Dam)
Maitland (Lock and Dam)
Merrickville (Locks and Dam)
Clowe (Lock and Dam)
Nicholson's (Locks and Dam)
Burritts Rapids (Lock and Dam)
Long Island (Locks and Dam)
Black Rapids (Lock and Dam)
Hogsback (Dam)
Rideau Falls
Ottawa River
ELEVATIONS IN FEET ABOVE SEA
SCALE OF MILES

RIDEAU RIVER.

Location of Gauge.—Water surface elevations are secured by measuring down from the base of rail on the Grand Trunk bridge near Hurdman's Bridge P.O.

Records available.—Gauge readings from the 24th March, 1914, to date.

Drainage area.—1,516 square miles.

Discharge measurements.—Made from the Grand Trunk bridge in the summer, and about one-half a mile above in winter.

Discharge curve.—Not yet well defined.

DISCHARGE MEASUREMENTS of the Rideau River.

Date.	Made by	W. S. Elevation.	Discharge in Sec.-ft.
1901.			
April 1	Andrew Bell	187·99	14,300
1905.			
April 20–21	S. B. Johnson		2,365
June 6	O. Stitt		399
Aug. 14	J. E. Walsh		705
1908.			
May 13	D. H. Philp		9,410
1911.			
Dec. 15	S. B. Johnson	182 22	590
1912.			
Jan. 16	"	182·37	430
Mar. 7	"	182·42	390
April 9	"	187·67	12,670
1913.			
Jan. 9–10	A. A. Anderson	185·06	1,570
Dec. 9–10	H. Paterson	182·36	970
1914.			
Mar. 5	G. M. Brown	182·66	460
April 15	"	183·73	2,960
Oct. 10	S. B. Johnson	181·73	307
1915.			
Mar. 25	G. B. Anderson	184·06	2,600
" 27	"	184·26	2,240

GATINEAU RIVER.

Location of Gauges.—Staff gauge No. 1 at head of falls at Chelsea. Staff gauge No. 2 on pier at foot of island at Chelsea. Bristol recording gauge on pier at foot of island at Chelsea.

Records Available.—Gauge No. 1 from 24th October, 1911, to date. Gauge No. 2 from 12th December, 1899, to date.

Drainage Area.—9,130 square miles.

Discharge Measurements.—Made from a launch at Ironsides during the summer, and opposite Gatineau Point village. During the winter, they are made at the head of Paugan Falls, Kirk's Ferry.

Discharge Curve.—Fairly well defined.

Winter Flow.—Discharge relation is affected by ice usually from late in November to early in April.

Discharge Measurements of the Gatineau River and Tributaries.

Date.	Made by	W. S. Elevation, Chelsea Upper gauge.	W. S. Elevation, Chelsea Lower gauge.	Discharge in Sec.-ft.	
1902.					
Oct. 14 C	E. Gauvin	.....	204·65	5,240	
1905.					
May 18	F. W. Anderson	.....	211·35	35,100	
June 10	"	.....	208·65	19,860	
July 3	"	.....	206·75	11,560	
" 27	"	.....	206·25	9,320	
Sept. 2	A. L. McLennan	.....	204·85	4,900	
Oct. 25	J. J. Collins	.....	206·55	10,260	
" 27	J. B. McRae	.....	206·65	12,550	
Nov. 2	"	.....	206·05	10,540	
1906.					
May 15	S. B. Johnson	.....	210·50	32,440	
Oct. 15	"	.....	204·80	5,589	
1907.					
May 25	"	.....	212·85	45,590	
Aug. 29	"	.....	.....	3,430	Gens de Terre R.
" 29	"	.....	.....	1,990	" "
" 31	"	.....	.....	770	R. Desert at Maniwaki
1908.					
May 7	"	.....	213·15	47,920	
" 12	D. H. Philp	.....	214·45	58,460	
" 15	"	.....	214·70	63,540	
Sept. 30	S. B. Johnson	.....	203·95	3,300	
1909.					
May 21	"	.....	215·60	65,580	
1911.					
Jan. 27	"	.....	205·15	4,200	
Feb. 13	"	.....	205·35	3,030	
Oct. 25	"	237·15	204·55	4,200	
" 31	W. E. Blue	237·40	204·75	545	R. Desert at Maniwaki.
Nov. 22	S. B. Johnson	238·20	205·00	6,820	
1912.					
Jan. 11	"	241·50	206·10	5,350	
Mar. 8	G. M. Brown	237·50	204·75	4,030	
Sept. 30	W. E. Blue	238·48	207·91	1,060	
1913.					
Jan. 3–7	S. B. Johnson	239·03	208·49	9,080	
Dec. 6	H. S. Paterson	240·63	210·59	14,140	
1914.					
Mar. 6	G. M. Brown	238·78	207·59	3,860	
Oct. 9	S. B. Johnson	239·36	207·29	2,400	
" 15	E. Cox and C. Kelly	240·01	207·39	3,080	
1915.					
Mar. 31	G. B. Anderson	239·91	207·14	3,870	

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Monthly Discharge of Gatineau River below Chelsea for 1900 to 1904.

(Drainage area, 9,000 square miles.)

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.		
1900-01.								
April	44,300	7,200	20,182	2·24	2·50	329	44·4	0·76
May	41,300	20,900	28,353	3·17	3·66	122	53·3	3·00
June	21,600	10,500	15,800	1·76	1·96	61	66·6	3·21
July	13,500	24,800	20,765	2·31	2·66	44	68·9	5·99
August	14,900	7,400	11,137	1·23	1·42	52	69·2	2·72
September	12,300	6,600	9,130	1·02	1·14	32	60·7	3·56
October	19,300	10,100	13,210	1·47	1·69	117	53·7	1·45
November	14,900	9,650	11,895	1·32	1·47	42	33·3	3·50
December	14,900	8,300	11,574	1·29	1·49	93	17·2	1·60
January	9,600	8,200	8,710	0·97	1·12	34	11·7	3·31
February	9,600	8,250	8,829	0·98	1·02	128	11·3	0·80
March	8,750	6,750	7,611	0·85	0·98	45	24·3	2·20
The year	44,300	6,600	13,950	1·55	21·11	66	42·9	32·10
1901-02.								
April	41,300	7,900	24,878	2·76	3·08	103	46·4	2·99
May	42,250	19,900	31,434	3·49	4·02	103	57·2	3·91
June	23,900	12,800	18,910	2·10	2·34	62	67·5	3·76
July	12,250	7,100	8,958	1·00	1·15	36	71·8	3·18
August	8,400	6,300	7,223	0·80	0·92	28	68·3	3·23
September	6,800	4,600	5,383	0·60	0·67	35	60·7	1·91
October	7,450	4,600	6,005	0·67	0·77	53	47·8	1·45
November	5,900	5,100	5,390	0·60	0·67	30	28·1	2·25
December	13,600	5,400	8,936	0·99	1·14	26	18·5	4·32
January	11,400	8,100	9,110	1·01	1·16	30	11·8	3·90
February	8,200	6,800	7,689	0·85	0·88	31	16·0	2·83
March	23,300	6,350	11,710	1·30	1·50	43	34·2	3·47
The year	42,250	4,600	12,155	1·35	18·30	42	44·0	37·20
1902-03.								
April	30,100	24,300	27,723	3·08	3·44	126	45·2	2·74
May	36,200	21,600	28,839	3·20	3·69	203	53·8	1·82
June	25,500	18,800	23,070	2·56	2·86	67	60·6	4·29
July	18,800	11,000	15,165	1·66	1·91	32	68·9	5·98
August	10,850	7,400	9,085	1·01	1·16	70	65·2	1·67
September	7,400	4,800	5,707	0·63	0·70	57	60·7	1·23
October	9,900	4,600	6,442	0·72	0·83	25	43·8	3·31
November	15,600	10,000	12,547	1·39	1·55	106	36·8	1·46
December	14,000	8,400	10,942	1·22	1·41	43	14·7	3·26
January	10,100	7,900	8,771	0·97	1·12	40	11·8	2·82
February	8,700	7,900	8,200	0·91	0·95	22	18·2	4·25
March	23,200	8,200	14,500	1·61	1·86	138	24·4	1·35
The year	36,200	4,600	14,266	1·58	21·48	63	42·8	34·18
1903-04.								
April	28,200	22,500	24,500	2·72	3·04	320	44·1	0·95
May	31,500	20,500	27,129	3·01	3·47	2,892	59·2	0·12
June	25,500	14,900	21,383	2·37	2·64	40	62·8	6·55
July	20,900	11,900	16,158	1·80	2·08	64	68·5	3·24
August	14,400	9,600	11,952	1·33	1·53	38	62·4	4·00
September	14,000	8,400	10,890	1·21	1·35	63	57·9	2·14
October	15,300	12,000	13,706	1·52	1·75	50	48·9	3·51
November	11,700	7,000	8,987	1·00	1·12	164	31·2	0·69
December	7,900	7,400	7,577	0·84	0·97	49	11·5	1·98
January	9,000	7,600	8,190	0·91	1·05	27	4·9	3·82
February (29 days)	10,150	9,300	9,872	1·10	1·19	37	6·1	3·20
March	11,400	8,700	9,429	1·05	1·21	26	24·0	4·66
The year	31,500	7,000	14,146	1·57	21·40	62	40·1	34·86

Monthly Discharge of Gatineau River below Chelsea for 1904 to 1908.

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.		
1901–05.								
April	31,400	11,900	21,003	2·33	2·60	69	38·8	3·77
May	59,000	38,900	48,335	5·37	6·19	196	59·9	3·16
June	41,700	22,500	31,157	3·46	3·86	154	65·3	2·51
July	21,400	11,900	16,135	1·79	2·06	56	68·3	3·71
August	14,400	9,600	12,119	1·35	1·56	54	64·7	2·91
September	17,200	8,400	11,420	1·27	1·42	28	54·8	5·09
October	15,900	11,700	13,861	1·54	1·78	127	44·2	1·40
November	11,700	7,300	8,923	0·99	1·10	121	29·8	0·91
December	8,300	7,300	7,568	0·84	0·97	51	8·9	1·89
January	9,300	7,700	8,422	0·94	1·08	33	7·4	3·29
February	10,200	9,100	9,732	1·08	1·12	81	9·6	1·48
March	11,400	8,400	9,477	1·05	1·21	101	24·0	1·20
The year	59,000	7,300	16,551	1·84	24·95	80	39·6	31·32
1905–06.								
April	13,700	11,400	12,413	1·38	1·54	162	41·8	0·95
May	32,900	15,500	28,119	3·12	3·60	217	54·7	1·66
June	26,800	13,600	18,947	2·10	2·34	55	65·2	4·23
July	13,500	10,000	11,384	1·26	1·45	35	70·0	4·10
August	10,000	5,700	7,245	0·80	0·92	30	66·6	3·10
September	5,900	5,300	5,613	0·62	0·69	29	59·8	2·35
October	11,900	5,700	8,216	0·91	1·05	44	46·5	2·40
November	10,400	6,500	7,970	0·88	0·98	56	31·6	1·74
December	7,400	5,900	6,568	0·73	0·84	36	21·6	2·33
January	12,200	5,900	7,961	0·88	1·01	81	20·8	1·25
February	12,600	7,700	9,957	1·11	1·16	45	15·8	2·58
March	9,200	6,300	7,194	0·80	0·92	43	22·7	2·15
The year	32,900	5,300	10,971	1·22	16·50	57	43·1	28·84
1906–07.								
April	22,500	7,600	13,407	1·49	1·66	191	43·2	0·87
May	30,100	21,600	27,039	3·00	3·46	216	53·9	1·60
June	24,800	16,600	20,790	2·31	2·58	55	67·1	4·73
July	16,200	5,800	8,981	1·00	1·15	67	70·5	1·72
August	5,900	5,000	5,384	0·60	0·69	42	71·6	1·66
September	6,000	5,200	5,523	0·61	0·68	29	62·4	2·37
October	7,600	5,000	6,084	0·68	0·78	23	46·8	3·36
November	6,900	5,300	5,563	0·62	0·69	47	32·3	1·48
December	5,200	4,200	4,560	0·50	0·58	22	12·5	2·59
January	4,200	3,300	3,900	0·43	0·50	26	10·6	1·89
February	4,700	4,200	4,600	0·51	0·53	39	7·9	1·37
March	6,300	4,200	5,000	0·56	0·65	27	27·0	2·38
The year	30,100	3,300	9,231	1·03	13·95	65	42·2	26·02
1907–08.								
April	14,400	7,600	10,367	1·15	1·28	45	36·5	2·85
May	41,700	15,500	28,452	3·16	3·64	255	48·9	1·43
June	29,900	24,300	27,527	3·06	3·41	138	67·2	2·47
July	23,900	15,500	19,281	2·14	2·47	76	69·3	3·23
August	15,500	10,500	12,084	1·34	1·55	221	64·4	0·70
September	11,100	10,500	10,610	1·98	2·21	57	58·1	3·90
October	10,700	10,500	10,594	1·18	1·36	45	42·8	3·05
November	10,500	9,300	10,070	1·12	1·25	29	33·0	4·28
December	8,400	8,000	8,300	0·92	1·06	22	23·2	4·74
January	9,100	8,200	8,700	0·97	1·12	47	11·7	2·40
February	16,000	9,100	10,800	1·20	1·24	30	10·9	4·33
March	22,800	15,700	19,600	2·11	2·43	65	24·3	3·72
The year	41,700	7,600	14,664	1·69	23·02	62	40·9	37·10

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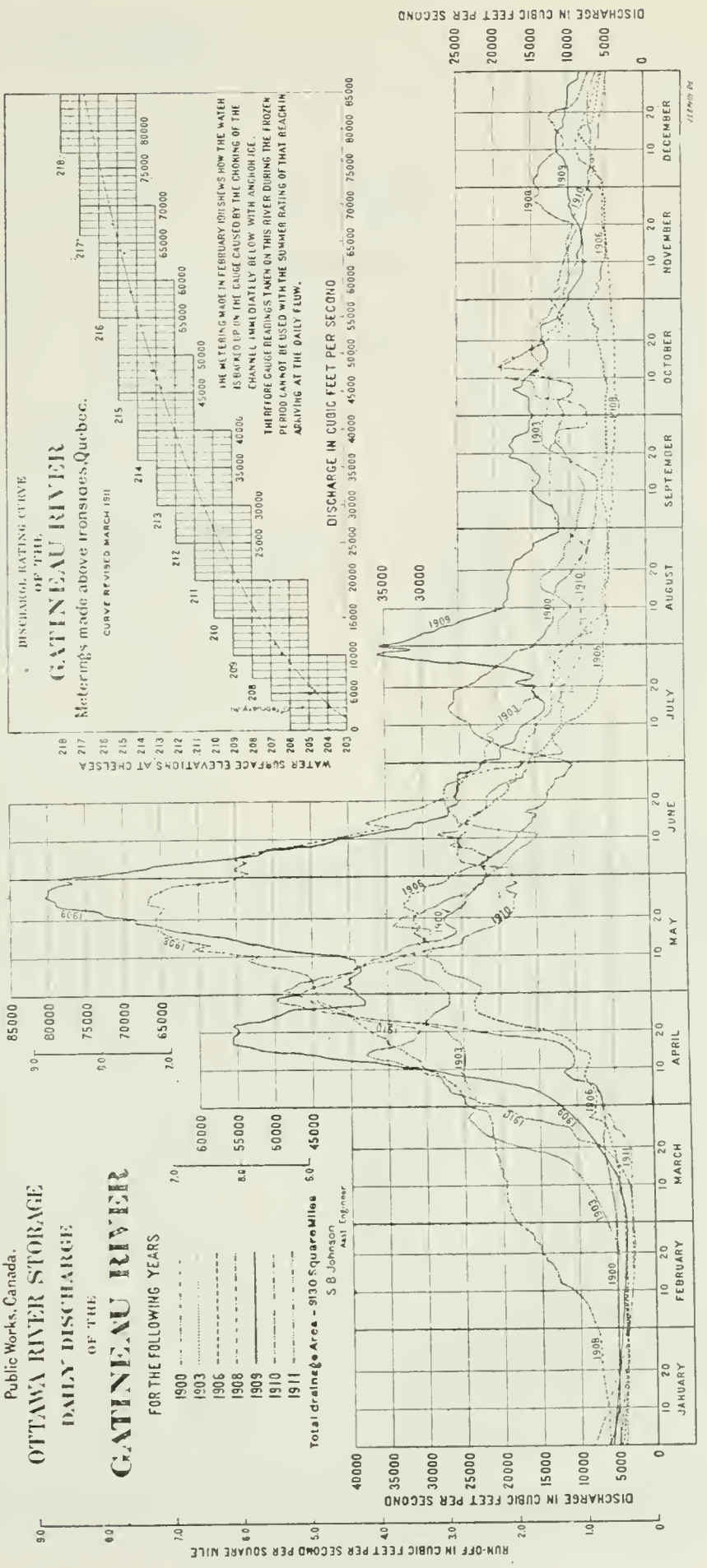
Monthly Discharge of Gatineau River below Chelsea for 1908 to 1912.

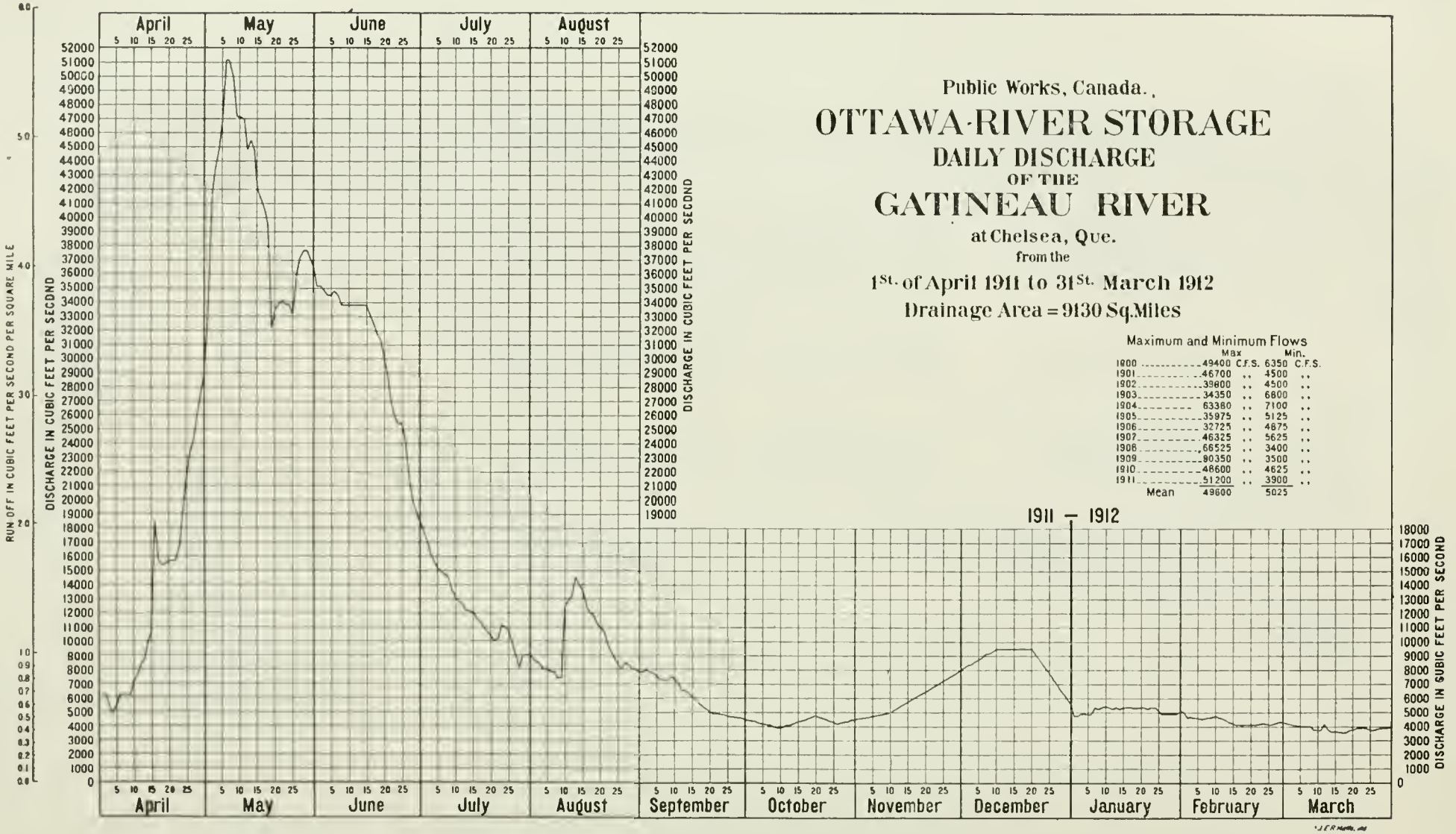
Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square Mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.		
1908–09.								
April	43,250	23,750	33,300	3·700	4·129	240	36·6	1·72
May	63,520	43,400	54,940	6·104	7·037	132	57·9	5·34
June	54,020	19,950	37,330	4·147	4·628	367	66·2	1·26
July	15,850	9,200	12,560	1·396	1·609	61	71·9	2·63
August	8,640	4,300	5,490	0·610	0·703	49	66·7	1·43
September	3,150	2,250	2,910	0·323	0·369	30	63·1	1·18
October	3,175	2,250	2,850	0·316	0·364	15	48·9	2·40
November	4,770	3,410	4,080	0·453	0·505	19	33·8	2·64
December	8,040	4,520	6,000	0·667	0·769	20	14·9	3·93
January	4,730	2,250	3,600	0·400	0·461	14	13·7	3·36
February	640	1,180	1,920	0·213	0·221	7	16·3	3·07
March	780	1,180	3,330	0·370	0·426	12	24·8	3·62
The year	63,520	1,180	14,026	1·558	21·212	80	42·9	32·58
1909–10.								
April	54,020	12,460	36,237	4·027	4·494	116	37·2	3·86
May	76,000	37,460	56,691	6·299	7·262	122	52·9	5·97
June	68,150	20,990	35,851	3·983	4·445	188	63·9	2·37
July	34,700	12,700	19,248	2·139	2·466	49	66·2	5·06
August	32,100	10,380	18,923	2·102	2·423	79	65·7	3·06
September	17,040	10,380	13,460	1·496	1·669	55	56·8	3·06
October	16,580	8,950	12,616	1·402	1·616	143	44·7	1·13
November	8,950	6,930	7,973	0·886	0·988	26	35·4	3·86
December	10,300	6,040	8,682	0·964	1·111	62	19·0	1·80
January	6,040	3,718	4,468	0·497	0·573	14	17·7	3·40
February	3,465	2,510	3,196	0·356	0·370	16	13·2	2·33
March	14,227	2,440	5,576	0·620	0·714	36	33·2	1·98
The year	76,000	2,440	18,577	2,064	21·131	76	42·1	37·88
1910–11.								
April	46,080	21,770	32,910	3·657	4·081	188	47·5	2·17
May	47,640	16,580	27,110	3·012	3·472	193	53·8	1·80
June	27,100	14,780	20,250	2·250	2·511	183	64·0	1·37
July	14,360	7,550	10,320	1·147	1·329	52	69·2	2·58
August	10,020	6,620	7,590	0·843	0·971	22	66·2	4·39
September	11,900	6,310	10,440	1·160	1·294	66	54·8	1·96
October	17,040	6,465	11,410	1·268	1·462	36	46·5	4·07
November	9,660	6,310	8,310	0·923	1·030	52	32·1	1·99
December	6,155	3,680	5,020	0·558	0·643	35	11·9	1·82
January	4,081	3,247	3,950	0·439	0·506	28	11·2	1·78
February	4,220	2,638	3,110	0·346	0·306	13	12·1	2·74
March	4,039	2,445	2,720	0·302	0·348	14	21·1	2·47
The year	47,640	2,445	11,928	1·325	18·007	62	40·9	29·14
1911–12.								
April	27,640	3,760	14,110	1·568	1·750	1·19	39·2	1·47
May	49,920	31,070	38,620	4·291	4·947	1·77	62·9	2·80
June	33,990	17,450	28,650	3·183	3·552	0·98	64·6	3·64
July	16,300	7,830	11,240	1·249	1·440	0·52	71·4	2·79
August	13,480	6,280	8,720	0·969	1·117	0·76	70·3	1·47
September	6,900	4,850	5,440	0·604	0·674	0·23	56·9	2·98
October	4,850	3,760	4,520	0·502	0·579	0·28	47·0	2·10
November	6,900	4,440	5,260	0·584	0·652	0·22	30·4	2·95
December	8,635	2,410	6,610	0·734	0·846	0·31	26·1	2·68
January	6,555	5,150	5,170	0·574	0·662	0·25	9·1	2·61
February	4,050	2,350	2,950	0·328	0·354	0·12	11·2	3·04
March	2,640	2,015	2,430	0·270	0·311	0·22	17·9	1·42
The year	49,920	2,015	11,143	1·237	16·884	0·56	42·3	29·95

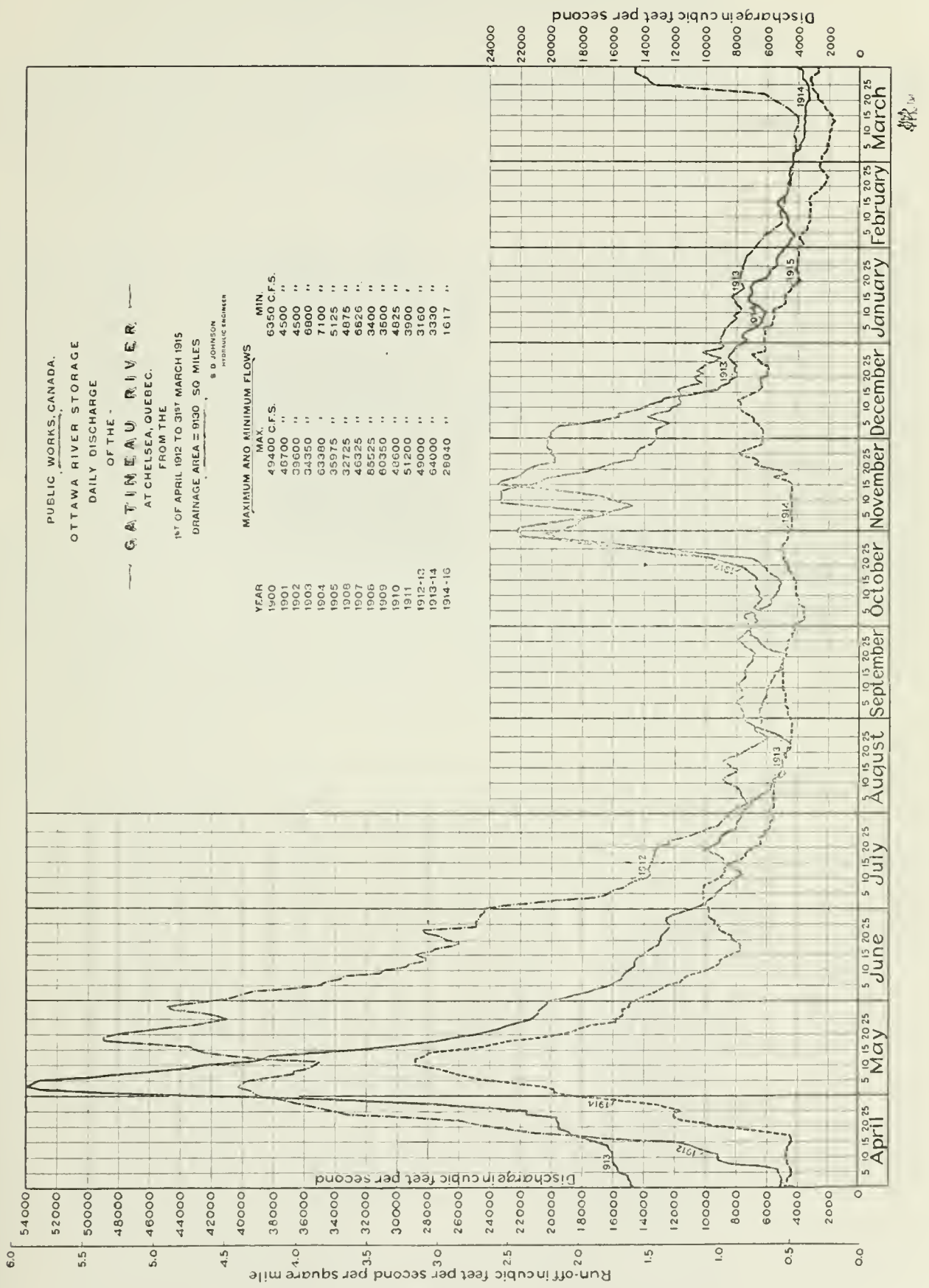
Monthly Discharge of Gatineau River below Chelsea for 1912–1915.

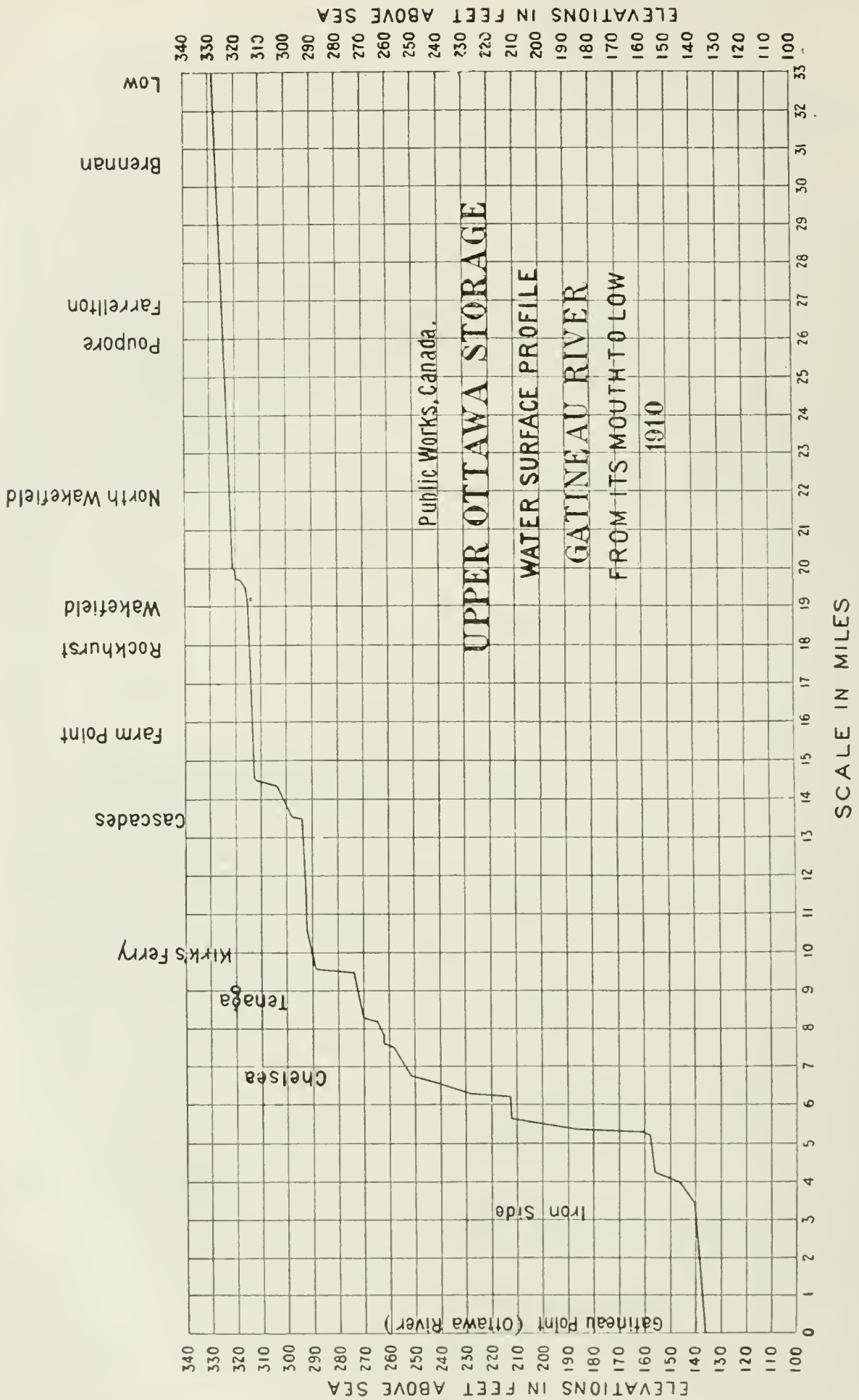
Month.	Discharge in Second-feet.				Run-off.		Temperature. on	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	of Rainfall. Per cent.		
1912–13.								
April	38,900	5,000	18,347	2·010	2·243	80	38·5	2·80
May	49,000	35,000	41,760	4·574	5·274	102	55·1	5·15
June	40,650	24,350	29,593	3·241	3·617	268	61·1	1·35
July	23,050	8,500	13,671	1,497	1·726	44	67·9	3·89
August	8,850	6,050	7,628	0·835	0·963	20	61·0	4·94
September	7,850	6,800	7,445	0·815	0·910	23	58·0	4·01
October	20,400	6,350	9,947	1·089	1·256	51	49·0	2·47
November	23,250	13,225	18,257	2·000	2·232	71	34·7	3·13
December	13,800	8,625	11,244	1·232	1·420	41	22·2	3·47
January	8,850	5,800	7,684	0·842	0·971	25	17·8	3·94
February	5,510	3,490	4,038	0·442	0·460	25	0·5	1·81
March	14,630	3,160	6,444	0·706	0·814	21	23·6	3·94
The year	49,000	3,160	14,718	1·612	21·886	54	40·8	40·90
1913–14.								
April	42,860	14,850	19,753	2·163	2·414	139	35·6	1·74
May	54,000	20,300	33,905	3·714	4·282	202	55·0	2·12
June	19,550	10,775	14,215	1·557	1·738	155	60·6	1·12
July	10,250	7,700	8,730	0·956	1·102	40	67·2	2·73
August	7,550	4,500	5,698	0·624	0·719	23	63·0	3·13
September	7,100	4,750	6,073	0·665	0·742	29	58·4	2·59
October	22,300	5,125	9,224	1·010	1·165	30	47·0	3·91
November	23,550	14,800	20,212	2·213	2·470	76	27·5	3·24
December	20,050	7,550	11,720	1·284	1·480	81	9·4	1·82
January	7,600	4,860	7,469	0·818	0·943	28	13·5	3·35
February	5,300	4,130	7,159	0·784	0·816	59	16·4	1·38
March	4,330	3,330	5,673	0·621	0·716	44	22·0	1·63
The year	54,000	3,330	12,501	1·369	18·587	65	39·6	28·76
1914–15.								
April	18,652	4,432	7,846	0·859	0·959	47	35·5	2·05
May	28,840	14,528	21,565	2·362	2·723	495	55·0	0·55
June	14,108	7,736	9,950	1·090	1·216	48	60·6	2·56
July	10,156	5,552	7,897	0·865	0·997	29	67·2	3·43
August	5,832	4,432	4,997	0·547	0·631	31	63·0	2·03
September	4,992	4,152	4,789	0·524	0·585	23	57·0	2·57
October	4,992	3,592	4,325	0·474	0·547	24	47·0	2·24
November	7,906	4,432	5,380	0·589	0·657	22	27·0	3·07
December	7,906	5,950	6,698	0·734	0·846	34	9·5	2·48
January	6,182	3,790	4,835	0·530	0·611	24	11·9	2·54
February	3,953	2,076	3,016	0·330	0·344	16	16·4	2·20
March	3,200	1,617	2,372	0·260	0·300	63	22·0	0·48
The year	28,840	1,617	7,005	0·767	10·416	39	39·3	26·29

Note.—Mean of Bark Lake and Ottawa, taken from 1st Nov., 1912, for temperature and rainfall.


Public Works, Canada.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
GATINEAU RIVER
FOR THE FOLLOWING YEARS
1900
1903
1906
1908
1909
1910
1911
Total drainage Area - 9130 Square Miles
S B Johnson
Asst Engineer
RUN-OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
DISCHARGE IN CUBIC FEET PER SECOND
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
DISCHARGE IN CUBIC FEET PER SECOND
DISCHARGE RATING CURVE
OF THE
GATINEAU RIVER
Meterings made above Ironsides, Quebec.
CURVE REVISED MARCH 1911
THE METERING MADE IN FEBRUARY 1911 SHEWS HOW THE WATER IS BACKED UP IN THE GAUGE CAUSED BY THE CHOKING OF THE CHANNEL IMMEDIATELY BELOW WITH ANCHOR ICE.
THE BEFORE GAUGE READINGS TAKEN ON THIS RIVER DURING THE FROZEN PERIOD CANNOT BE USED WITH THE SUMMER RATING OF THAT REACHING ARRIVING AT THE DAILY FLOW.
DISCHARGE IN CUBIC FEET PER SECOND
WATER SURFACE ELEVATIONS AT CHELSEA


Public Works, Canada.
OTTAWA-RIVER STORAGE
DAILY DISCHARGE
OF THE
GATINEAU RIVER
at Chelsea, Que.
from the
1st. of April 1911 to 31st. March 1912
Drainage Area = 9130 Sq.Miles
Maximum and Minimum Flows
Max Min.
1900 49400 C.F.S. 6350 C.F.S.
1901 46700 " 4500 "
1902 39800 " 4500 "
1903 34350 " 6800 "
1904 63380 " 7100 "
1905 35975 " 5125 "
1906 32725 " 4875 "
1907 46325 " 5625 "
1908 66525 " 3400 "
1909 80350 " 3500 "
1910 48600 " 4625 "
1911 51200 " 3900 "
Mean 49600 5025
1911 — 1912
April May June July August September October November December January February March
DISCHARGE IN CUBIC FEET PER SECOND
RUN OFF IN CUBIC FEET PER SECOND PER SQUARE MILE


PUBLIC WORKS, CANADA.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
— GATINEAU RIVER —
AT CHELSEA, QUEBEC.
FROM THE
1ST OF APRIL 1912 TO 31ST MARCH 1915
DRAINAGE AREA = 9130 SQ MILES
S D JOHNSON
HYDRAULIC ENGINEER
MAXIMUM AND MINIMUM FLOWS
YEAR MAX. MIN
1900 49400 C.F.S. 6350 C.F.S.
1901 46700 " 4500 "
1902 39600 " 4500 "
1903 34350 " 6800 "
1904 63380 " 7100 "
1905 35975 " 5125 "
1908 32725 " 4875 "
1907 46325 " 6626 "
1906 85525 " 3400 "
1909 60350 " 3600 "
1910 40600 " 4825 "
1911 51200 " 3900 "
1912-13 49000 " 3160 "
1913-14 64000 " 3330 "
1914-15 28040 " 1617 "
Run-off in cubic feet per second per square mile
Discharge in cubic feet per second
April
May
June
July
August
September
October
November
December
January
February
March
1912
1913
1914
1915
1917


ELEVATIONS IN FEET ABOVE SEA
340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100
Low
Brennan
Pourpore
Farrellton
North Wakefield
Wakefield
Rockhurst
Farm Point
Cascades
Kirk's ferry
Tenaga
Chelsea
Iron Side
Gatineau Point (Ottawa River)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
SCALE IN MILES
Public Works, Canada.
UPPER OTTAWA STORAGE
WATER SURFACE PROFILE
GATINEAU RIVER
FROM ITS MOUTH TO LOW
1910

OTTAWA RIVER, BELOW OTTAWA.

Location of Gauge.—Staff gauge at foot of the Rideau locks.

Records Available.—Readings have been taken from this gauge by the Department of Railways and Canals since the year 1844. These are all available with the exception of the years 1847, 1848, and 1849, records for these years having been destroyed by fire.

Drainage Area.—45,470 square miles, including Gatineau and Rideau rivers.

Discharge Measurements.—These have been made since the year 1905, at Besserer's Grove, 9 miles below Ottawa. During extreme high water, the country on the Quebec side of the river is flooded for about a quarter of a mile back. The movement of this mass of water is so slow that it cannot be metered, thus rendering the high-water measurements, to a small degree, unreliable. New sections were chosen, in the spring of 1915, at Kettle island, opposite the rifle range. These are apparently quite suitable at high water, but during low water the section on the north side of the island will probably be useless owing to slack water.

Discharge Curve.—During certain periods of the year, the north shore tributaries of the Ottawa river yield a greater rate of flow per square mile of their drainage area than does the Ottawa river itself. This is inclined to retard the flow of the Ottawa while the basin, Ottawa-Grenville, is filling up, causing the relation between the gauge readings at the Rideau locks and the flow to vary. The discharge curve is fairly reliable during the greater part of the year.

Winter Flow.—Discharge relation affected by ice.

Discharge Measurements of the Ottawa River at Besserer's Grove.

Date.	Made by	W. S. Elevation at Rideau Locks.	Discharge in Sec.-ft.
1904.			
June 13	A. McDougall	145·70	[1]182,000
1905.			
May 8	F. W. Anderson	136·85	74,530
" 17	"	139·55	116,000
June 12–13	"	136·35	81,980
July 4	"	133·55	54,390
" 28	"	132·30	48,470
Sept. 6	A. L. McLennan	129·95	25,540
Oct. 28	J. J. Collins	131·45	37,690
1906.			
May 17	S. B. Johnson	140·20	122,270
Sept. 11	Alf. Tamm	128·40	18,750
" 12	"	128·35	17,620
Oct. 13	"	128·70	15,660
1907.			
May 23	S. B. Johnson	142·10	142,470
1908.			
May 6	S. B. Johnson	144·05	160,430
" 11	D. H. Philp	145·95	185,720
" 14	"	146·95	198,660
Oct. 3	S. B. Johnson	127·60	14,610
1909.			
May 20	S. B. Johnson	147·55	217,200
1910.			
May 6	S. B. Johnson	139·95	115,550
1911.			
Jan. 25–26	S. B. Johnson	129·85	19,150
Feb. 15	"	129·60	16,360
1912.			
Jan. 10	S. B. Johnson	132·20	31,490
Mar. 6	G. M. Brown	130·37	21,770
Aug. 30	W. E. Blue	131·04	30,900
1913.			
Mar. 7	S. B. Johnson	132·79	35,240
Sept. 12	A. M. Kirkpatrick	129·20	24,990
Dec. 4	S. B. Johnson	134·45	63,980
1914.			
Jan. 15	G. M. Brown	131·87	31,880
Mar. 3	"	131·45	27,850
" 23–24	"	131·54	24,520
Oct. 7	S. B. Johnson	127·20	11,720
" 13	E. Cox and C. Kelly	127·45	13,080

[1]Estimated.

SESSIONAL PAPER No. 19a

Monthly Discharge of Ottawa River near Besserer's Grove for 1866 to 1870.

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.		
1866–67.								
April	147,000	24,000	76,000	1·671	1·865	57	43	3·3
May	147,000	100,000	117,000	2·573	2·967	96	48	3·1
June	104,000	84,000	98,800	2·173	2·425	81	62	3·0
July	84,000	52,000	70,700	1·555	1·793	39	72	4·6
August	52,000	34,500	43,600	0·959	1·106	38	60	2·9
September	54,200	33,500	46,300	1·018	1·136	19	53	5·9
October	58,000	44,500	50,800	1·117	1·288	64	48	2·0
November	102,000	42,800	71,300	1·568	1·750	31	34	5·6
December	90,500	75,400	79,400	1·746	2·013	63	16	3·2
January	68,000	51,000	59,400	1·306	1·506	100	7	1·5
February	44,500	36,500	39,000	0·857	0·892	59	19	1·5
March	33,500	28,500	31,300	0·688	0·793	66	21	1·2
The year	147,000	24,000	65,300	1·436	19·534	52	40·3	37·8
1867–68.								
April	86,000	40,000	59,200	1·302	1·453	30	36	4·8
May	167,000	102,000	141,600	3·114	3·590	92	45	3·9
June	171,500	130,000	150,000	3·299	3·682	184	67	2·0
July	100,000	69,500	81,300	1·788	2·062	206	69	1·0
August	65,500	37,000	50,000	1·099	1·267	42	.....	[1]3·0
September	77,500	26,000	44,500	0·979	1·093	34	56	3·2
October	69,500	28,300	44,100	0·969	1·117	45	48	2·5
November	38,500	24,200	31,200	0·686	0·766	33	30	2·3
December	31,500	25,000	29,100	0·639	0·737	57	6	1·3
January	26,000	22,800	24,500	0·539	0·621	52	8	1·2
February	20,800	17,400	18,800	0·411	0·443	28	18	1·6
March	38,300	16,500	24,100	0·529	0·610	61	28	1·0
The year	171,500	16,500	76,200	1·676	17·441	63	.....	27·8
1868–69.								
April	50,000	42,500	48,800	1·073	1·197	149	36	0·8
May	114,000	70,000	93,400	2·054	2·368	169	55	1·4
June	98,000	63,000	82,000	1·803	2·012	201	62	1·0
July	53,000	30,000	40,100	0·882	1·017	85	73	1·2
August	57,000	22,500	44,200	0·972	1·121	47	65	2·4
September	19,500	15,500	17,600	0·387	0·432	27	52	1·6
October	23,500	18,000	20,800	0·457	0·527	44	39	1·2
November	29,500	27,500	28,200	0·620	0·692	36	29	1·9
December	19,400	16,200	17,900	0·394	0·455	21	10	2·2
January	15,800	15,500	15,700	0·345	0·398	15	16	2·6
February	12,800	12,500	12,700	0·279	0·290	7	11	4·4
March	13,000	12,000	12,500	0·275	0·608	29	18	2·1
The year	114,000	12,000	36,200	0·796	11·117	53	38·8	20·8
1869–70.								
April	132,000	22,500	68,000	1·495	1·668	152	45	1·1
May	18,500	136,000	167,500	3·683	4·246	193	50	2·2
June	144,500	99,500	122,000	2·683	2·994	40	57	7·4
July	98,000	60,000	78,000	1·715	1·977	124	65	1·6
August	65,800	52,000	58,500	1·286	3·460	115	62	3·0
September	77,600	56,200	66,500	1·462	1·632	23	60	7·0
October	69,500	38,500	53,500	1·176	1·356	68	41	2·0
November	41,700	37,000	39,500	0·868	0·969	35	27	2·8
December	33,000	29,300	31,000	0·681	0·785	30	19	2·6
January	36,200	27,800	31,600	0·696	0·802	23	15	3·5
February	35,500	29,800	32,300	0·710	0·739	35	11	2·1
March	30,000	25,700	27,800	0·611	1·444	72	24	2·0
The year	185,000	22,500	64,700	1·423	22·072	59	39·7	37·3

[1]The mean for the month of August for 47 years.

Monthly Discharge of Ottawa River near Besserer's Grove for 1870 to 1874.

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.		
1870–71.								
April	198,500	41,800	112,500	2·474	2·761	172	43	1·6
May	192,000	81,000	135,600	2·982	3·438	312	60	1·1
June	79,000	41,700	59,400	1·306	1·457	81	72	1·8
July	41,400	30,700	36,000	0·791	0·912	38	71	2·4
August	30,000	19,800	24,600	0·541	0·624	31	66	2·0
September	19,800	16,000	17,800	0·391	0·436	17	59	2·5
October	27,700	13,800	20,300	0·446	0·514	13	49	4·0
November	45,100	30,700	37,700	0·829	0·925	62	33	1·5
December	31,600	24,300	27,500	0·605	0·698	26	19	2·7
January	26,000	22,800	24,400	0·536	0·618	28	3	2·2
February	22,200	20,300	21,200	0·466	0·485	22	12	2·2
March	51,800	21,500	34,000	0·747	0·861	32	30	2·7
The year	198,500	13,800	45,900	1·009	13·721	51	43·1	26·7
1871–72.								
April	130,700	53,300	88,000	1·935	2·159	74	41	2·9
May	170,500	127,500	148,800	3·272	3·773	343	56	1·1
June	119,500	69,500	93,000	2·045	2·282	79	62	2·9
July	65,500	42,500	54,000	1·187	1·369	35	64	3·9
August	40,000	26,000	31,300	0·688	0·793	72	65	1·1
September	21,000	12,800	19,800	0·435	0·485	44	53	1·1
October	22,400	12,800	17,300	0·380	0·439	34	47	1·3
November	27,300	24,300	25,600	0·563	0·628	17	24	3·7
December	19,300	10,500	15,000	0·329	0·379	10	9	3·7
January	17,000	15,000	16,000	0·352	0·406	34	14	1·2
February	14,300	12,000	13,000	0·285	0·308	24	16	1·3
March	12,000	9,600	10,760	0·235	0·271	34	14	1·8
The year	170,500	9,600	44,400	0·976	13·292	53	38·8	25·0
1872–73.								
April	59,500	18,200	37,000	0·814	0·908	101	38	0·9
May	161,300	78,700	119,000	2·617	3·017	72	55	4·2
June	142,000	74,000	106,500	2·342	2·614	73	70	3·6
July	71,700	43,500	57,000	1·253	1·445	28	73	5·2
August	41,300	25,600	33,000	0·725	0·836	23	72	3·6
September	47,000	25,600	36,000	0·792	0·884	24	62	3·7
October	53,300	43,500	48,500	1·066	1·229	37	49	3·3
November	54,000	38,000	46,000	1·012	1·129	103	33	1·1
December	27,300	24,200	25,500	0·561	0·647	32	10	2·0
January	27,000	21,400	24,300	0·534	0·616	27	8	2·3
February	25,700	21,700	23,700	·521	0·542	26	12	2·1
March	24,500	19,400	22,000	0·484	0·558	17	20	3·3
The year	161,300	18,200	48,200	1·059	14·425	41	41·8	35·3
1873–74.								
April	123,000	40,000	76,000	1·671	1·865	98	40	1·9
May	195,000	109,000	152,000	3·343	3·854	.....	.....	.....
June	189,500	87,500	137,000	3·013	3·363	.....	.....	.....
July	85,000	54,000	68,500	1·506	1·736	.....	.....	.....
August	49,300	30,000	39,500	0·868	1·001	.....	.....	.....
September	30,700	23,500	27,000	0·594	0·663	.....	.....	.....
October	55,000	31,700	43,000	0·946	1·091	.....	.....	.....
November	60,200	52,000	56,200	1·236	1·379	.....	.....	.....
December	42,700	33,000	38,000	0·836	0·964	.....	.....	.....
January	38,000	29,800	33,500	0·737	0·850	13	11	6·7
February	33,800	27,000	30,500	0·671	0·699	30	10	2·3
March	46,300	27,000	35,800	0·787	0·907	57	24	1·6
The year	195,000	23,500	61,400	1·352	18·372	.....	.....	.....

SESSIONAL PAPER No. 19a

Monthly Discharge of Ottawa River near Besserer's Grove for 1874 to 1878.

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drianage Area.	Per cent. of Rainfall.		
1874–75.								
April	53,500	39,500	46,000	1·012	1·129	81	30	1·4
May	165,800	147,000	100,000	2·119	2·443	136	59	1·8
June	168,500	132,000	149,500	3·288	3·669	193	67	1·9
July	126,300	63,000	92, 00	2·034	2·345	213	71	1·1
August	52,000	26,000	38,500	0·847	0·977	81	69	1·2
September	24,300	16,800	18,300	0·402	0·449	21	62	2·1
October	27,600	17,300	22,200	0·488	0·563	23	49	2·4
November	27,700	17,300	22,300	0·490	0·547	23	26	2·4
December	18,800	15,500	17,000	0·374	0·431	14	11	3·0
January	.....	.....	.....	.....	.....	.....	3	3·8
February	.....	.....	.....	.....	.....	.....	4	2·0
March	13,500	12,500	13,000	0·286	0·330	15	21	1·9
The period	168,500	12,500	.....	.....	.....	.....	39·3	25·0
1875–76.								
April	63,500	21,800	41,000	0·902	1·007	84	37	1·2
May	185,500	80,000	132,000	2,903	3·347	124	53	2·7
June	135,700	63,200	92,500	2·034	2·270	206	67	1·1
July	62,300	42,500	52,000	1·144	1·319	165	70	0·8
August	44,500	36,200	40,500	0·891	1·027	31	69	3·3
September	35,200	25,000	30,000	0·659	0·735	27	56	2·7
October	37,000	24,500	30,500	0·671	0·774	65	42	1·2
November	41,500	40,000	41,000	0·902	1·007	36	24	2·8
December	28,500	24,200	26,300	0·578	0·666	17	16	4·0
January	31,500	24,200	27,600	0·607	0·700	19	18	3·7
February	31,200	25,700	28,500	0·627	0·677	16	13	4·1
March	43,800	25,700	33,700	0·741	0·854	20	23	4·2
The year	185,500	21,800	48,000	1·055	14·383	45	40·7	31·8
1876–77.								
April	139,000	48,300	87,000	1,913	2·135	356	38	0·6
May	252,000	167,000	214,500	4·717	5·439	320	52	1·7
June	210,000	130,000	169,500	3·727	4·160	130	70	3·2
July	127,500	57,400	89,000	1·957	2·256	81	73	2·8
August	53,300	29,000	40,700	0·895	1·032	79	72	1·3
September	26,700	16,500	21,300	0·468	0·522	14	57	3·8
October	24,300	16,500	20,300	0·446	0·514	24	43	2·2
November	52,200	31,000	41,000	0·902	1·007	59	34	1·7
December	30,000	25,000	27,700	0·609	0·702	16	10	4·4
January	24,500	18,500	21,500	0·473	0·545	42	7	1·3
February	17,500	12,700	15,000	0·329	0·342	114	24	0·3
March	16,300	13,300	15,000	0·329	0·379	88	20	4·3
The year	252,000	12,700	63,500	1·396	19·033	69	41·7	27·6
1877–78.								
April	89,500	25,600	52,500	1·154	1·288	117	43	1·1
May	89,200	70,000	79,000	1 737	1·311	73	54	1·8
June	69,000	47,500	58,000	1·275	1·423	65	62	2·2
July	55,500	36·200	41,700	0·917	1·057	36	70	2·9
August	34,500	26,700	30,500	0·671	0·774	18	70	4·3
September	23,300	16,500	20,000	0·439	0·490	21	59	2·3
October	30,000	16,500	22,800	0·501	0·578	15	45	3·8
November	45,500	27,700	26,000	0·562	0·638	15	33	4·2
December	43,800	40,300	41,500	0·914	1·054	75	28	1·4
January	48,300	26,500	31,800	0·699	0·806	34	13	2·4
February	23,200	18,500	20,800	0·457	0·476	34	20	1·4
March	27,800	17,500	22,700	0·499	0·575	44	33	1·3
The year	89,500	16,500	37,300	820	10·470	36	44·2	29·1

Monthly Discharge of Ottawa River near Besserer's Grove for 1878 to 1882.

Month.	Discharge in Second-feet.				Run-Off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Depth Per square mile.	Depth in inches on Drainage Area.	Per cent. of Rainfall.		
1878–79.								
April	70,000	30,500	49,000	1·077	1·202	80	49	1·5
May	90,500	71,000	80,000	1·759	2·028	53	54	3·8
June	76,000	51,500	63·500	1·396	1·558	54	62	2·9
July	52,000	34,200	43,000	0·945	1·090	40	70	2·7
August	32,800	26,700	29,700	0·653	0·753	20	67	3·7
September	43,200	20,300	31,000	0·682	0·761	8	59	9·0
October	91,500	41,700	64,500	1·418	1·635	26	47	6·3
November	88,800	71,600	80,000	1·759	1·963	41	34	4·8
December	68,000	55,000	61,200	1·346	1·333	35	16	3·8
January	57,000	34,000	45,800	1·007	1·161	55	9	2·1
February	32,500	27,600	30,000	0·659	0·686	29	6	2·4
March	27,700	26,000	26,800	0·589	0·679	30	20	2·3
The year	91,500	20,300	50,400	1·108	14·849	33	41·1	45·3
1879–80.								
April	100,000	36,200	64,500	1·418	1·582	198	37	0·8
May	199,500	111,000	156,500	3·442	3·969	147	55	2·7
June	141,500	73,200	105,500	2·320	2·589	63	62	4·1
July	74,000	54,000	63,560	1·397	1·611	42	69	3·8
August	50,000	30,000	40,000	0·879	1·013	25	63	4·1
September	31,000	26,700	29,000	0·638	0·712	22	55	3·3
October	30,000	19,800	24,800	0·545	0·628	70	53	0·9
November	24,000	18,000	20,800	0·457	0·510	19	30	2·7
December	35,000	15,500	25,700	0·565	0·651	16	11	4·1
January	31,200	28,800	30,000	0·659	0·760	45	20	1·7
February	30,000	26,000	28,000	0·616	0·665	24	17	2·8
March	34,800	27,300	30,700	0·675	0·778	41	19	1·9
The year	199,500	15,500	51,600	1·113	15·468	47	40·9	32·9
1880–81.								
April	126,200	40,000	77,200	1·698	1·895	51	38	3·7
May	189,500	130,000	160,000	3·518	4·056	101	58	4·0
June	166,000	96,500	131,000	2·188	3·215	107	64	3·0
July	94,500	54,800	68,800	1·513	1·745	37	67	4·7
August	54,800	31,700	43,200	0·950	1·095	41	65	2·7
September	31,000	24,000	27,600	0·607	0·677	21	59	3·2
October	39,500	23,300	31,000	0·682	0·786	20	42	4·0
November	75,500	40,000	56,500	1·242	1·386	33	26	4·2
December	52,800	30,000	37,500	0·825	0·951	40	13	2·4
January	24,500	18,500	21,500	0·473	0·545	30	4	1·8
February	24,300	19,300	22,000	0·483	0·503	19	14	2·7
March	35,000	19,300	27,000	0·594	0·685	25	30	2·7
The year	189,500	19,300	46,600	1·025	17·539	44	40	40·1
1881–82.								
April	71,000	29,000	48,500	1·066	1·191	132	38	0·9
May	147,800	100,000	123,500	2·716	3·132	131	59	2·4
June	122,300	51,500	83,000	1·825	2·837	107	60	1·
July	50,000	30,700	40,000	0·879	1·015	25	70	4·1
August	30,700	18,000	24,000	0·528	0·609	36	68	1·7
September	16,700	11,000	14,200	0·312	0·348	11	64	3·3
October	20,800	10,700	15,300	0·336	0·387	8	44	5·0
November	27,700	20,800	21,000	0·462	0·516	22	40	2·4
December	24,300	18,700	21,500	0·473	0·545	19	27	2·8
January	24,500	18,500	21,500	0·473	0·545	21	6	2·6
February	25,700	17,000	21,500	0·473	0·545	23	20	2·4
March	35,500	20,800	28,000	0·618	0·713	26	22	2·7
The year	147,800	10,700	38,500	0·847	12·383	38	43·2	32·2

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Monthly Discharge of Ottawa River near Besserer's Grove for 1882 to 1886.

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.		
1882–83.								
April	78,700	45,500	61,200	1·346	1·502	83	34	1·8
May	148,800	80,000	113,500	2·496	2·878	76	48	3·8
June	150,500	113,500	131,800	2·898	3·235	70	60	4·6
July	99,500	63,000	80,000	1·759	2·028	38	64	5·3
August	59,500	46,300	52,500	1·155	1·331	32	67	4·1
September	57,000	46,300	51,500	1·133	1·264	20	56	6·2
October	47,000	35,800	41,300	0·909	1·048	52	48	2·0
November	49,300	38,000	43,500	0·957	1·068	34	30	3·1
December	30,500	26,000	28,300	0·622	0·718	24	16	3·0
January	24,500	18,500	21,500	0·473	0·545	29	4	1·9
February	20,000	18,500	19,200	0·422	0·440	24	9	1·8
March	20,000	17,000	18,500	0·407	0·469	34	13	1·4
The year	150,500	17,000	55,200	1·214	16·526	42	37·4	39·0
1883–84.								
April	95,500	25,000	56,000	1·232	1·374	92	34	1·5
May	126,300	94,500	110,000	2·419	2·789	56	48	5·0
June	126,300	115,000	120,500	2·650	2·957	50	63	5·9
July	132,000	77,800	103,700	2·281	2·629	131	63	2·0
August	76,800	40,000	57,300	1·260	1·453	52	63	2·8
September	39,500	35,000	37,500	0·825	0·920	19	53	4·7
October	45,000	34,200	39,500	0·869	1·002	29	42	3·4
November	70,000	40,700	50,500	1·111	1·240	38	32	3·2
December	63,000	49,200	55,800	1·227	1·415	94	14	1·5
January	48,700	38,300	43,800	0·963	1·111	33	3	3·4
February	37,300	31,200	32,700	0·719	0·776	29	12	2·7
March	74,000	29,800	38,000	0·836	0·964	80	22	1·2
The year	132,000	25,000	62,100	1·366	18·630	50	37·4	37·3
1884–85.								
April	117,300	74,000	94,000	2·065	2·304	329	40	0·7
May	154,500	118,800	139,500	3·068	3·537	208	51	1·7
June	123,500	63,500	90,000	1·979	2·209	63	67	3·5
July	62,300	40,700	47,500	1·045	1·204	60	63	2·0
August	53,000	30,700	43,000	0·946	1·090	42	65	2·6
September	30,000	24,000	26,500	0·583	0·650	23	59	2·8
October	53,300	27,300	35,000	0·770	0·887	44	44	2·0
November	54,000	44,300	47,500	1·045	1·166	29	29	4·0
December	67,200	32,700	49,000	1·078	1·242	69	14	1·8
January	52,700	34,800	43,500	0·957	1·103	61	7	1·8
February	34,000	30,700	33,000	0·726	0·755	42	3	1·8
March	30,700	26,500	27,500	0·605	0·697	19	9	3·7
The year	154,500	24,000	56,300	1·238	16·844	59	37·6	28·4
1885–86.								
April	156,300	35,800	74,000	1·627	1·816	76	31	2·4
May	162,000	130,700	150,000	3·299	3·803	158	51	2·4
June	150,500	99,300	130,000	2·859	3·190	106	61	3·0
July	96,800	65,000	83,000	1·815	2·093	110	68	1·9
August	63,000	38,700	50,500	1·111	1·281	46	61	2·8
September	44,500	31,000	34,000	0·748	0 834	38	54	2 2
October	31,700	26,600	29,500	0·649	0·748	18	43	4·2
November	49,000	32,000	41,000	0·908	1·013	26	33	3·9
December	33,000	25,000	29,500	0·649	0·748	16	19	4·6
January	54,500	29,300	44,500	0·978	1·128	71	6	1·6
February	53,500	32,000	37,500	0·825	0·858	28	9	3·1
March	33,000	26,500	29,300	0·644	0·743	53	22	1·4
The year	162,000	25,000	61,100	1·343	18·26	60	38·2	30·5

Monthly Discharge of Ottawa River near Besserer's Grove for 1886 to 1890.

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area	Per cent of Rainfall.		
1886-87.								
April	190,000	46,300	120,000	2·639	2·945	210	42	1·4
May	192,300	102,000	144,000	3·167	3·651	365	52	1·0
June	100,000	76,800	86,000	1·891	2·111	62	60	3·4
July	76,300	50,800	61,500	1·352	1·560	35	65	4·4
August	51,300	31,700	40,000	0·880	1·014	27	63	3·7
September	34,200	29,000	31,700	0·697	0·778	29	56	2·7
October	43,500	33,800	38,000	0·836	0·963	54	47	1·8
November	42,500	34,000	37,500	0·825	0·920	34	30	2·7
December	31,300	25,700	27,500	0·605	0·697	39	10	1·8
January	25,000	22,800	23,800	0·523	0·603	18	3	3·4
February	27,000	24,500	25,800	0·567	0·591	16	10	3·8
March	26,500	23,500	24,800	0·545	0·629	31	16	2·0
The year	192,300	22,800	55,900	1·229	16·462	51	37·8	32·1
1887-88.								
April	134,800	32,800	77,500	1·704	1·902	68	34	2·8
May	193,000	125,000	161,500	3·552	4·095	273	60	1·5
June	124,500	59,500	87,500	1·924	2·147	56	64	3·8
July	59,000	37,000	47,500	1·045	1·204	67	72	1·8
August	36,200	21,800	28,300	0·622	0·718	42	62	1·7
September	20,800	12,500	15,700	0·345	0·385	96	53	0·4
October	13,300	11,300	12,500	0·275	0·317	14	40	2·3
November	16,500	13,800	14,300	0·315	0·351	17	29	2·1
December	15,000	8,300	11,000	0·242	0·279	16	15	1·8
January	14,300	11,800	12,500	0·275	0·317	15	2	2·1
February	20,800	19,500	20,000	0·440	0·475	24	10	2·0
March	16,500	10,300	12,000	0·264	0·304	14	7	2·2
The year	193,000	8,300	41,700	0·917	12·494	51	37·3	24·5
1888-89.								
April	61,000	26,700	43,500	0·957	1·068	46	34	2·3
May	192,300	66,500	133,500	2·935	3·384	260	53	1·3
June	157,300	119,000	140,500	3·089	3·447	172	65	2·0
July	116,300	51,000	73,000	1·605	1·851	185	65	1·0
August	49,000	28,300	35,800	0·787	0·907	21	63	4·4
September	53,300	24,500	27,300	0·600	0·670	28	54	2·4
October	27,300	21,700	23,500	0·517	0·596	26	39	2·3
November	55,000	23,300	39,500	0·868	0·969	33	30	2·9
December	32,700	27,300	29,500	0·648	0·747	57	19	1·3
January	32,000	25,800	29,000	0·638	0·736	27	19	2·7
February	27,800	24,300	26,200	0·576	0·600	26	8	2·3
March	34,300	21,700	25,700	0·565	0·651	163	28	·4
The year	192,300	21,700	52,300	1·150	15·626	62	39·8	25·3
1889-90.								
April	107,500	41,300	60,500	1·330	1·484	106	42	1·4
May	128,000	82,700	103,700	2·281	2·630	75	55	3·5
June	148,800	86,700	121,500	2·672	2·982	83	60	3·6
July	111,000	65,000	86,000	1·891	2·180	57	65	3·8
August	63,500	42,500	57,000	1·253	1·445	52	62	2·8
September	41,800	25,500	32,500	0·715	0·798	35	58	2·3
October	28,300	24,300	26,000	0·572	0·660	41	36	1·6
November	92,000	21,200	26,000	0·572	0·638	19	32	3·3
December	43,700	18,800	29,300	·644	0·743	46	1	1·6
January	49,800	40,800	45,000	0·989	0·140	81	13	1·4
February	40,000	33,700	37,300	0·820	0·854	33	15	2·6
March	45,000	40,700	43,000	0·945	1·090	84	20	1·3
The year	148,800	18,800	55,700	1·225	15·644	54	39·9	29·2

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Monthly Discharge of Ottawa River near Besserer's Grove for 1890 to 1894.

(Drainage Area, 45,473 square miles.

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, Inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent. of Rainfall.		
1890-91.								
April	108,200	53,300	92,000	2·023	2·258	141	41	1·6
May	166,000	95,000	144,500	3·178	3·664	167	52	2·2
June	175,500	126,200	15,500	3·409	3·804	119	63	3·2
July	125,000	62,500	83,200	1·829	2·109	58	65	3·6
August	61,000	51,300	35,000	1·209	1·394	36	60	3·9
September	54,000	40,700	48,500	1·066	1·190	70	52	1·7
October	40,700	36,000	38,000	0·836	0·964	57	40	1·7
November	34,500	30,000	33,000	0·726	0·810	62	22	1·3
December	21,700	20,200	21,000	0·462	0·533	27	8	2·0
January	20,800	17,500	18,300	0·402	0·464	15	12	3·2
February	18,800	17,500	17,700	0·389	0·405	19	14	2·1
March	77,700	18,300	49,500	1·088	1·254	29	20	4·3
The year	175,500	17,500	60,560	1·389	18·85	61	37·4	30·8
1891-92.								
April	163,000	69,500	110,000	2·415	2·695	123	41	2·2
May	166,000	110,500	144,800	3·184	3·671	612	51	0·6
June	107,500	55,500	75,500	1·660	1·853	77	65	2·4
July	60,000	45,000	52,000	1·144	1·319	25	64	5·3
August	61,000	45,300	51,000	1·122	1·294	35	63	3·7
September	45,500	32,500	40,500	0·891	0·994	50	61	2·0
October	33,500	18,200	28,500	0·627	0·723	31	44	2·3
November	70,000	24,000	25,500	0·561	0·626	25	33	2·5
December	61,000	47,000	50,000	1·100	1·268	70	28	1·8
January	50,800	36,500	43,700	0·960	1·107	44	11	2·5
February	35,500	27,200	30,800	0·677	0·730	35	16	2·1
March	28,800	20,200	24,000	0·528	0·609	25	21	2·4
The year	166,000	20,200	56,400	1·240	16·889	57	41·5	29·8
1892-93.								
April	92,000	31,800	63,500	1·396	1·558	104	39	1·5
May	81,000	65,000	75,500	1·660	1·914	113	49	1·7
June	94,500	73,200	87,800	1·931	2·155	41	62	5·2
July	87,500	43,500	60,000	1·319	1·521	66	68	2·3
August	45,500	38,700	41,500	0·913	1·053	24	66	4·3
September	37,000	25,000	31,500	0·671	0·749	22	57	3·4
October	35,300	31,000	33,500	0·737	0·850	57	45	1·5
November	60,000	31,000	42,500	0·934	1·042	33	29	3·2
December	45,000	28,800	35,400	0·778	0·897	47	15	1·9
January	28,500	20,800	25,000	0·550	0·634	29	2	2·2
February	21,700	17,000	18,900	0·416	0·433	21	5	2·1
March	30,000	14,300	18,700	0·411	0·474	36	22	1·3
The year	94,500	14,300	44,500	0·979	13·280	43	38·3	30·6
1893-94.								
April	65,500	43,300	52,300	1·150	1·283	46	35	2·8
May	212,500	82,700	159,000	3·496	4·031	70	53	5·8
June	177,000	103,700	140,500	3·090	3·448	93	67	3·7
July	100,000	57,300	76,800	1·690	1·949	45	67	4·3
August	54,000	34,500	45,500	1·001	1·154	22	66	5·1
September	46,200	32,700	32,500	0·715	0·798	32	53	2·5
October	40,000	30,000	33,500	0·737	0·850	40	48	2·1
November	40,000	32,800	36,700	0·807	0·901	60	33	1·5
December	26,000	23,700	24,200	0·532	0·613	17	10	3·5
January	24,500	23,200	23,700	0·521	0·601	15	11	3·9
February	23,200	22,200	22,500	0·495	0·515	64	11	·8
March	77,700	21,500	49,700	1·093	1·260	66	31	1·9
The year	212,500	21,500	58,100	1·278	17,403	45	40·4	38·9

Monthly Discharge of Ottawa River near Besserer's Grove for 1894 to 1898.

Month.	Discharge in Second-feet.				Run-off.		Temperature.	Rainfall, Inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on area.	of rainfall.		
1894–95.								
April	164,700	64,300	93,000	2·045	2·282	285	45	0·8
May	167,500	120,000	145,000	3·189	3·677	94	54	3·9
June	122,200	87,700	103,000	2·265	2·528	43	66	5·9
July	85,000	45,000	68,000	1·495	1·724	69	67	2·5
August	43,500	28,300	35,000	0·770	0·888	64	62	1·4
September	27,300	21,000	23,000	0·506	·565	18	59	3·1
October	49,000	21,200	36,300	0·798	0·920	24	47	3·9
November	59,500	45,500	51,000	1·122	1·252	74	28	1·7
December	39,000	33,000	25,300	0·566	0·641	28	21	2·3
January	38,500	25,800	31,500	0·693	0·799	24	11	3·3
February	26,300	18,800	22,500	0·495	0·515	34	13	1·5
March	20,500	18,000	18,800	0·413	0·476	43	19	1·1
The year	167,500	18,000	54,400	1·196	16·267	52	41	31·4
1895–96.								
April	127,500	29,700	77,000	1·693	1·889	90	41	2·1
May	151,500	104,800	127,500	2·804	3·233	83	59	3·9
June	111,000	74,000	97,300	2·140	2·388	72	68	3·3
July	71,700	35,800	49,500	1·088	1·254	52	64	2·4
August	41,300	34,000	37,000	0·814	0·939	30	65	3·1
September	38,000	24,300	30,500	0·671	0·749	26	59	2·9
October	26,000	20,300	23,500	0·517	0·596	60	39	1·0
November	31,000	18,800	25,700	0·565	0·631	24	32	2·6
December	58,000	20,000	29,200	0·642	0·740	26	21	2·9
January	72,500	40,000	52,000	1·143	1·318	62	9	2·1
February	39,000	27,300	34,000	0·748	0·800	22	12	3·6
March	31,300	27,300	29,500	0·649	0·748	31	16	2·4
The year	151,500	18,800	49,900	1·097	15·285	47	40·4	32·3
1896–97.								
April	205,200	41,700	106,500	2·342	2·614	163	44	1·6
May	158,500	94,500	129,500	2·848	3·284	173	58	1·9
June	103,600	61,000	84,500	1·858	2·074	59	63	3·5
July	59,000	44,300	53,300	1·172	1·351	39	67	3·4
August	44,300	28,300	34,000	0·747	0·861	20	65	4·3
September	30,700	21,200	27,300	0·600	0·670	16	54	4·3
October	37,700	29,300	35,000	0·770	0·955	50	42	1·9
November	84,300	35,000	58,800	1·293	1·443	48	34	3·0
December	58,000	49,800	53,700	1·181	1·362	151	17	0·9
January	50,800	35,500	40,000	0·880	1·015	48	13	2·1
February	34,800	34,300	34,500	0·759	0·790	53	15	1·5
March	47,200	35,500	38,500	0·847	0·977	27	25	3·6
The year	205,200	21,200	58,000	1·275	17·396	54	42·3	32·0
1897–98.								
April	161,500	61,500	83·500	1·836	2·049	76	42	2·7
May	176,000	146,000	121,700	2·676	3·085	106	53	2·9
June	142,000	87,700	117,000	2·571	2·869	92	60	3·1
July	86,700	48,200	62,000	1·363	1·572	43	72	3·7
August	48,200	43,300	45,500	1·001	1·154	41	62	2·8
September	45,000	25,000	33,500	0·737	0·822	137	60	0·6
October	36,200	23,500	57,300	1·260	1·453	81	48	1·8
November	38,000	32,300	35,200	0·774	0·864	28	29	3·1
December	39,000	23,200	39,500	0·869	1·002	29	17	3·5
January	26,500	21,500	32,500	0·715	0·824	29	9	2·8
February	27,300	21,500	34,200	0·752	0·783	29	17	2·7
March	122,200	26,500	55,300	1·216	1·402	74	33	1·9
The year	176,000	21,500	59,800	1·315	17·879	55	41·8	32·6

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Monthly Discharge of Ottawa River near Besserer's Grove for 1898 to 1902.

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of Rainfall.		
1898–99.								
April	108,200	74,000	95,000	2·089	2·331	333	41	0·7
May	107,500	83,500	96,700	2·127	2·452	88	56	2·8
June	106,500	65,700	84,500	1·858	2·074	63	65	3·3
July	84,000	45,500	63,500	1·396	1·610	85	68	1·9
August	45,000	34,500	40,000	0·880	1·015	26	65	3·9
September	36,000	31,800	32,300	0·710	0·792	23	60	3·5
October	64,500	32,800	42,500	0·935	1·078	22	45	4·8
November	64,500	53,300	58,500	1·286	1·435	96	32	1·5
December	42,000	31,300	35,000	0·770	0·888	33	16	2·7
January	30,500	29,700	29,800	0·655	0·755	33	12	2·3
February	29,700	28,800	29,300	0·644	0·670	74	11	0·9
March	32,700	28,300	29,700	0·653	0·753	16	18	4·7
The year	108,200	28,300	52,200	1·148	15·853	48	40·8	33·0
1899–1900.								
April	164,700	51,000	93,000	2·045	2·282	33	42	0·7
May	207,000	122,300	167,000	3·672	4·234	114	55	3·7
June	144,800	85,000	114,500	2·518	2·810	97	63	2·9
July	86,300	57,000	70,700	1·555	1·793	29	65	6·1
August	58,000	30,700	42,000	0·924	1·065	335	66	0·3
September	44,500	24,000	29,200	0·642	0·716	16	53	4·6
October	53,300	39,500	44,500	0·979	1·129	51	46	2·2
November	44,300	32,800	38,000	0·836	0·933	67	33	1·4
December	48,700	23,000	35,800	0·787	0·907	32	21	2·8
January	48,000	31,500	38,500	0·847	0·977	49	13	2·0
February	33,200	27,000	30,800	0·677	0·730	23	13	3·2
March	26,500	25,000	25,500	0·561	0·647	25	15	2·6
The year	207,000	23,000	59,100	1·299	18·233	56	34·4	32·5
1900–01.								
April	142,000	35,000	88,000	1·935	2·160	196	43	1·1
May	133,500	92,800	112,700	2·478	2·858	98	52	2·9
June	102,000	57,000	77,500	1·704	1·902	54	64	3·5
July	91,500	51,000	72,500	1·594	1·838	44	67	4·2
August	76,500	45,000	61,700	1·357	1·564	47	65	3·3
September	44,300	35,800	38,200	0·840	0·937	23	58	4·1
October	56,200	45,500	49,200	1·082	1·247	83	52	1·5
November	61·500	41·300	49·300	1·083	1·209	48	26	2·5
December	42,500	30,500	35,300	0·776	0·895	43	15	2·1
January	29,800	25,000	27,500	0·605	0·697	28	9	2·5
February	24,500	23,700	24,200	0·532	0·554	79	9	0·7
March	24,200	23,200	23,700	0·521	0·601	24	22	2·5
The year	142,000	23,200	55,000	1·210	16·462	53	40·2	30·9
1601–02.								
April	158,500	37,000	111,500	2·452	2·736	114	45	2·4
May	158,500	103,700	132,500	2·914	3·360	96	55	3·5
June	116,700	63,500	91,300	2,008	2·241	83	65	2·7
July	63,000	32,800	45,300	0·996	1·149	34	69	3·4
August	36,000	25,000	29,700	0·653	0·753	18	65	4·3
September	27,300	14,500	20,500	0·451	0·503	20	58	2·5
October	24,300	16,000	19,800	0·435	0·500	26	46	1·9
November	27,300	24,300	26,200	0·576	0·643	21	27	3·1
December	35,500	18,000	28,200	0·620	0·715	23	16	3·1
January	35,500	34,500	34,800	0·765	0·882	32	10	2·8
February	34,500	33,500	33,500	0·737	0·767	37	25	2·1
March	111,000	46,300	56,700	1,250	1·438	46	32	3·1
The year	158,500	16,000	52,500	1·155	15·687	45	42·8	34·9

Monthly Discharge of Ottawa River near Besserer's Grove for 1902 to 1906.

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of Rainfall.		
1902-03.								
April	122,000	103,000	110,600	2·432	2·714	151	43	1·8
May	125,000	99,000	115,500	2·539	2·927	122	52	2·4
June	107,000	81,000	98,900	2·175	2·427	61	58	4·0
July	81,000	52,000	71,000	1·561	1·799	33	66	5·5
August	52,000	38,000	48,000	1·056	1·217	51	61	2·4
September	38,000	32,000	34,500	0·759	0·847	24	58	3·5
October	46,000	32,000	35,500	0·781	0·900	23	42	4·0
November	69,000	46,000	55,500	1·221	1·362	65	35	2·1
December	54,200	39,000	47,200	1·038	1·196	48	12	2·5
January	38,500	30,000	35,000	0·769	0·886	47	9	1·9
February	31,500	29,300	30,000	0·659	0·686	21	13	3·3
March	95,800	32,000	66,000	1·451	1·673	111	33	1·5
The year	125,000	29,300	62,300	1·370	18·634	53	40	34·9
1903-04.								
April	100,000	85,000	92,500	2·034	2·269	252	42	0·9
May	118,000	91,000	105,500	2·320	2·674	206	56	1·3
June	93,000	75,000	82,000	1·803	2·012	39	59	5·2
July	104,000	53,000	75,500	1·660	1·913	45	66	4·2
August	53,000	38,000	47,000	1·033	1·191	37	60	3·2
September	46,000	34,000	37,500	0·825	0·920	34	57	2·7
October	55,000	42,000	48,500	1·066	1·229	61	46	2·0
November	46,000	28,000	39,500	0·868	0·968	108	29	0·9
December	25,500	24,000	24,800	0·545	0·628	30	6	2·1
January	23,700	23,000	23,500	0·517	0·596	23	2	2·6
February	23,000	22,700	23,000	0·506	0·545	30	1	1·8
March	47,000	22,800	25,500	0·561	0·646	22	21	3·0
The year	118,000	22,700	52,100	1·145	15·591	52	37	29·9
1904-05.								
April	133,000	78,000	103,000	2·265	2·527	70	35	3·6
May	184,000	118,000	161,000	3·541	4·083	114	56	3·6
June	187,000	107,000	159,000	3·497	3·903	122	62	3 2
July	107,000	54,000	82,500	1·814	2·092	75	65	2·8
August	54,000	42,000	44,500	0·978	1·128	31	61	3 6
September	42,000	32,000	36,000	0·792	0·884	16	52	5·4
October	61,000	42,000	56,500	1·242	1·432	65	42	2·2
November	61,000	43,000	54,500	1·198	1·337	103	29	1·3
December	30,000	27,300	28,200	0·620	0·714	37	5	1·9
January	28,300	27,300	27,500	0·605	0·697	28	3	2·5
February	27,300	26,000	26,800	0·589	0·613	38	9	1·6
March	36,300	19,300	25,700	0·565	0·651	72	25	0·9
The year	187,000	19,300	67,100	1·476	20·061	62	37	32·6
1905-06.								
April	89,000	59,000	71,000	1·561	1·742	134	40	1·3
May	119,000	59,000	98,000	2·155	2·485	86	53	2·9
June	98,000	63,000	83,000	1·825	2·037	58	63	3·5
July	63,000	49,000	52,000	1·144	1·319	29	67	4·5
August	50,000	28,000	39,500	0·869	1·001	42	63	2·4
September	34,000	28,000	28,500	0·627	0·699	18	58	3·9
October	41,000	28,000	30,500	0·691	0·797	31	44	2·6
November	41,000	32,000	36,000	0·792	0·884	49	28	1·8
December	28,800	21,500	23,200	0·510	0·588	29	18	2·0
January	46,300	20,800	28,000	0·616	0·710	31	22	2·3
February	38,500	28,800	23,500	0·517	0·538	30	14	1·8
March	38,000	19,300	27,500	0·605	0·698	58	18	1·2
The year	119,000	19,300	45,100	0·991	13·498	45	41	30·2

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Monthly Discharge of Ottawa River near Besserer's Grove for 1906 to 1910.

Month.	Discharge in Second-Feet.				Run-off.		Temperature.	Rainfall, inches
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.		
1906–07.								
April	81,000	48,000	60,000	1·319	1·472	184	41	0·8
May	122,000	81,000	108,000	2·375	2·738	171	52	1·6
June	112,000	90,000	104,000	2·287	2·552	57	66	4·5
July	90,000	42,000	63,500	1·396	1·609	101	68	1·6
August	42,000	18,000	32,500	0·715	0·824	36	69	2·3
September	18,000	13,000	16,500	0·364	0·406	17	62	2·4
October	21,000	15,000	17,000	0·374	0·431	12	48	3·5
November	25,000	19,000	20,000	0·439	0·490	19	31	2·6
December	19,300	13,500	17,000	0·374	0·431	16	13	2·7
January	12,800	12,400	12,500	0·275	0·317	35	7	0·9
February	12,400	12,300	12,300	0·270	0·281	17	5	1·7
March	85,300	12,300	18,000	0·396	0·456	23	24	2·0
The year	122,000	12,300	40,100	0·882	12·007	45	41	26·6
1907–08.								
April	93,000	55,000	76,500	1·682	1·877	94	36	2·0
May	141,000	57,000	98,500	2·166	2·497	125	46	2·0
June	134,000	89,000	116,000	2·551	2·847	105	65	2·7
July	90,000	55,000	79,000	1·737	2·003	51	67	3·9
August	55,000	33,000	45,000	0·989	1·140	114	62	1·0
September	47,000	30,000	36,500	0·803	0·896	24	56	3·7
October	51,000	44,000	47,500	1·045	1·205	40	42	3·0
November	63,000	39,000	51,000	1·122	1·252	33	30	3·8
December	43,500	35,000	40,300	0·886	1·022	33	21	3·1
January	41,000	30,000	33,700	0·741	0·854	41	4	2·1
February	33,000	29,300	30,800	0·678	0·732	22	7	3·4
March	42,500	27,300	31,000	0·682	0·786	37	21	2·1
The year	141,000	27,300	57,200	1·258	17·111	52	37	32·8
1908–09.								
April	93,000	55,000	81,500	1·792	1·999	154	34	1·3
May	141,000	57,000	117,500	2·584	2·979	74	35	4·0
June	134,000	93,000	114,500	2·519	2·811	281	64	1·0
July	93,000	48,000	72,000	1·583	1·825	79	69	2·3
August	48,000	24,000	36,500	0·803	0·925	66	64	1·4
September	24,000	14,000	19,500	0·429	0·478	34	60	1·4
October	14,000	13,000	13,000	0·286	0·329	24	40	1·4
November	18,000	11,000	14,000	0·308	0·343	23	32	1·5
December	20,000	10,000	16,000	0·352	0·405	13	13	3·1
January	21,500	18,500	20,000	0·439	0·506	15	8	3·3
February	25,000	18,800	22,000	0·484	0·504	23	9	2·2
March	28,800	22,800	24,500	0·539	0·621	16	24	3·9
The year	141,000	10,000	45,900	1·009	13·725	51	38	26·8
1909–10.								
April	130,000	39,000	94,500	2·078	2·319	83	34	2·8
May	231,000	130,000	174,000	3·826	4·411	98	50	4·5
June	226,000	98,000	163,600	3·598	4·015	251	62	1·6
July	98,000	62,000	75,400	1·658	1·912	37	65	5·2
August	95,000	48,000	69,800	1·535	1·770	59	64	3·0
September	49,000	45,000	47,400	1·042	1·163	48	56	2·4
October	47,000	42,000	47,000	1·034	1·192	85	43	1·4
November	44,000	41,000	42,200	0·928	1·036	43	34	2·4
December	39,000	31,200	32,500	0·715	0·824	33	19	2·5
January	31,500	27,000	29,000	0·638	0·736	35	17	2·1
February	29,800	22,300	25,500	0·561	0·584	53	11	1·1
March	52,800	22,800	34,000	0·748	0·747	68	31	1·1
The year	231,000	22,200	70,000	1·530	20·709	69	41	30·1

Monthly Discharge of Ottawa River near Besserer's Grove for 1910 to 1916.

(Drainage area, 45,473 square miles.)

	Discharge in Second-Feet.				Run-off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.		
1910–11.								
April	123,000	71,000	95,500	2·100	2·344	167	47	1·4
May	122,000	78,500	100,800	2·217	2·556	107	53	2·4
June	92,000	58,500	81,700	1·797	2·005	125	64	1·6
July	58,500	29,000	44,800	0·985	1·136	60	69	1·9
August	31,500	29,000	29,900	0·658	0·759	15	65	5·0
September	35,500	24,000	30,100	0 662	0 739	46	54	1·6
October	41,500	24,000	33,800	0·743	0·857	26	44	3·3
November	43,500	38,000	40,800	0·897	1·001	63	31	1·6
December	30,500	23,700	27,200	0·598	0·689	63	11	1·1
January	23,000	18,500	20,500	0·451	0·520	27	10	1·9
February	18,000	14,000	16,700	0·367	0·382	20	10	1·9
March	20,000	11,500	13,800	0·304	0·351	21	21	1·7
The year	123,000	11,500	44,600	0·981	13·339	53	40	25·4
1911–12.								
April	93,500	20,000	53,600	1·179	1·316	101	38	1·3
May	152,500	93,500	128,700	2·830	3·263	125	59	2·6
June	123,000	73,000	103,900	2·285	2·550	71	59	3·6
July	73,000	32,000	53,500	1·179	1·359	62	70	2·2
August	35,500	27,500	32,000	0·704	0·812	31	66	2·6
September	27,500	18,500	22,300	0·490	0·547	21	55	2·6
October	18,500	16,000	17,400	0·383	0·442	16	44	2·8
November	34,000	18,500	24,400	0·537	0·599	18	27	3·3
December	36,500	24,000	29,800	0·655	0·755	42	25	1·8
January	40,000	27,500	31,500	0·693	0·799	33	1	2·4
February	27,000	21,300	23,000	0·506	0·546	23	9	2·4
March	23,000	21,300	22,500	0·494	0·569	63	16	0·9
The year	152,500	16,000	45,500	1·001	13·557	48	39	28·5
1912–13.								
April	113,610	22,125	76,628	1·685	1·880	95	36·4	1·97[1]
May	164,940	108,000	127,677	2·808	3·238	68	52·6	4·77[1]
June	166,500	87,650	126,518	2·782	3·105	151	59·7	2·06
July	84,100	45,800	61,284	1·348	1·554	54	66·6	2·88[1]
August	44,675	35,750	39,752	0·874	1·008	25	59·5	4·08[1]
September	35,750	32,250	33,921	0·746	0·833	23	47·2	3·59
October	57,500	30,225	36,765	0·808	0·932	32	46·5	2·95[1]
November	81,750	56,000	67,466	1·483	1·655	70	32·3	2·35[2]
December	66,000	41,480	52,042	1·144	1·319	53	21·2	2·51[2]
January	47,390	38,440	43,050	0·947	1·092	31	16·7	3·51[2]
February	43,790	34,350	37,604	0·827	0·861	59	5·7	1·45[2]
March	117,500	33,075	60,774	1·336	1·540	56	23·9	2·77[2]
The year	166,500	22,125	63,698	1·401	19·017	55	39·0	34·89[2]
1913–14.								
April	129,500	113,020	118,878	2·614	2·917	164	42·0	1·78[2]
May	158,750	97,100	126,946	2·792	3·219	166	50·8	1·94[2]
June	93,950	49,200	70,339	1·547	1·726	134	62·5	1·29[2]
July	39,950	34,000	37,277	0·820	0·945	34	67·3	2·75[2]
August	33,300	23,400	27,035	0·595	0·686	19	65·1	3·66[2]
September	26,000	21,150	23,866	0·525	0·586	22	56·3	2·64[2]
October	46,925	21,150	29,760	0·654	0·754	19	47·6	3·93[2]
November	63,670	43,100	52,318	1·151	1·285	41	35·7	3·16[2]
December	64,350	51,360	57,353	1·261	1·454	82	23·1	1·78[2]
January	40,825	28,420	31,364	0·690	0·796	30	9·4	2·68[2]
February	29,300	27,420	27,274	0·600	0·625	31	3·9	1·99[2]
March	48,600	24,225	29,155	0·641	0·739	44	19·6	1·69[2]
The year	158,750	21,150	52,694	1·159	15·732	54	40·3	29·29

[1]Precipitation from observations at Quinze Dam, Haileybury, Timiskaming, Stonecliffe, Renfrew and Ottawa used from April to October 1912. [2]Mean monthly precipitation computed from observations at Quinze Dam, Timiskaming and Bark Lake (Ottawa Storage); Haileybury, Stonecliffe and Renfrew (Dom. Met. Service); and Ottawa (Dom. Experimental Farm).

MONTHLY DISCHARGE of Ottawa River near Besserer's Grove for 1914 and 1915.

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on area. Drainage	Per cent of rainfall.		
1914-15.								
April	81,500	29,700	43,810	0·963	1·074	41	38·4	2·59
May	95,520	60,920	83,020	1·826	2·105	200	59·5	1·05
June	59,810	44,980	52,030	1·122	1·252	47	63·1	2·68
July	53,600	23,400	38,340	0·843	0·972	62	68·8	1·58
August	23,400	16,100	18,690	0·411	0·474	22	65·6	2·20
September	16,770	13,750	15,670	0·345	0·385	13	58·1	2·94
October	15,300	13,000	13,820	0·304	0·351	13	49·2	2·65
November	19,500	13,100	15,770	0·347	0·387	13	29·3	2·98
December	21,400	16,800	19,180	0·422	0·487	26	17·0	1·87
January	17,500	14,700	15,850	0·349	0·402	18	14·8	2·18
February	17,000	13,400	14,610	0·321	0·334	18	19·4	1·85
March	23,000	13,400	16,510	0·363	0·419	123	26·1	0·34
The year	95,520	13,000	28,940	0·635	8·642	35	42·4	24·91

NOTE—Mean monthly precipitation taken from Quinze Timiskaming, Bark Lake, (Ottawa River Storage); Renfrew, Haileybury, Rutherglen, Stonecliff (Dom. Met. Service); and Ottawa (By Mr. Ellis of Experimental Farm.) Discharge estimate by adding flows of Rideau and Gatineau Rivers into Chaudiere.

OTTAWA RIVER AT EAST TEMPLETON, QUE.

Records Available.—Staff gauge readings from the 8th May, 1905, to 31st December, 1906.

LIEVRE RIVER.

Location of Gauge.—The staff gauge read during 1905 and 1906 was attached to a pier above Dufferin falls at Buckingham, Que. This pier and gauge have since been torn out by ice. The gauges now used are at the head and foot of Poupore locks.

Records Available.—Readings from Dufferin falls gauge, 17th April to 11th November, 1905, and from 14th May to 1st December, 1906. Poupore locks (head and foot) 1st April, 1910, to date.

Drainage Area.—4,040 square miles.

Discharge Measurements.—Made from a launch 3 miles above Buckingham Que.

Discharge Curve.—Fairly well defined.

Winter Flow—Discharge relation is affected by ice.

Discharge Measurements of the Lievre River.

Date.	Hydrographer.	W.S. Elev.	Discharge, Sec.-ft.
1896.			
Apr. 6	J. Kennedy		2,500
1901.			
Apr. 2	Wm. Kennedy		2,042
1902.			
Sept. 24	C. E. Gauvin		1,487
1905.			
Feb. 25	R. W. Farley		1,725
May 30	F. W. Anderson		11,335
Aug. 10	James Gillespie		1,735
Nov. 7	S. B. Johnson		3,734
1908.			
May 21	S. B. Johnson		27,588
1910.			
Apr. 29	S. B. Johnson		16,920
1911.			
Apr. 13	S. B. Johnson		3,295
June 3	S. B. Johnson		11,900
1914.			
Mar. 20	G. M. Brown		1,120

Monthly Discharge of Lievre River near Poupore, Que., for 1905–1906 and 1910–1911.

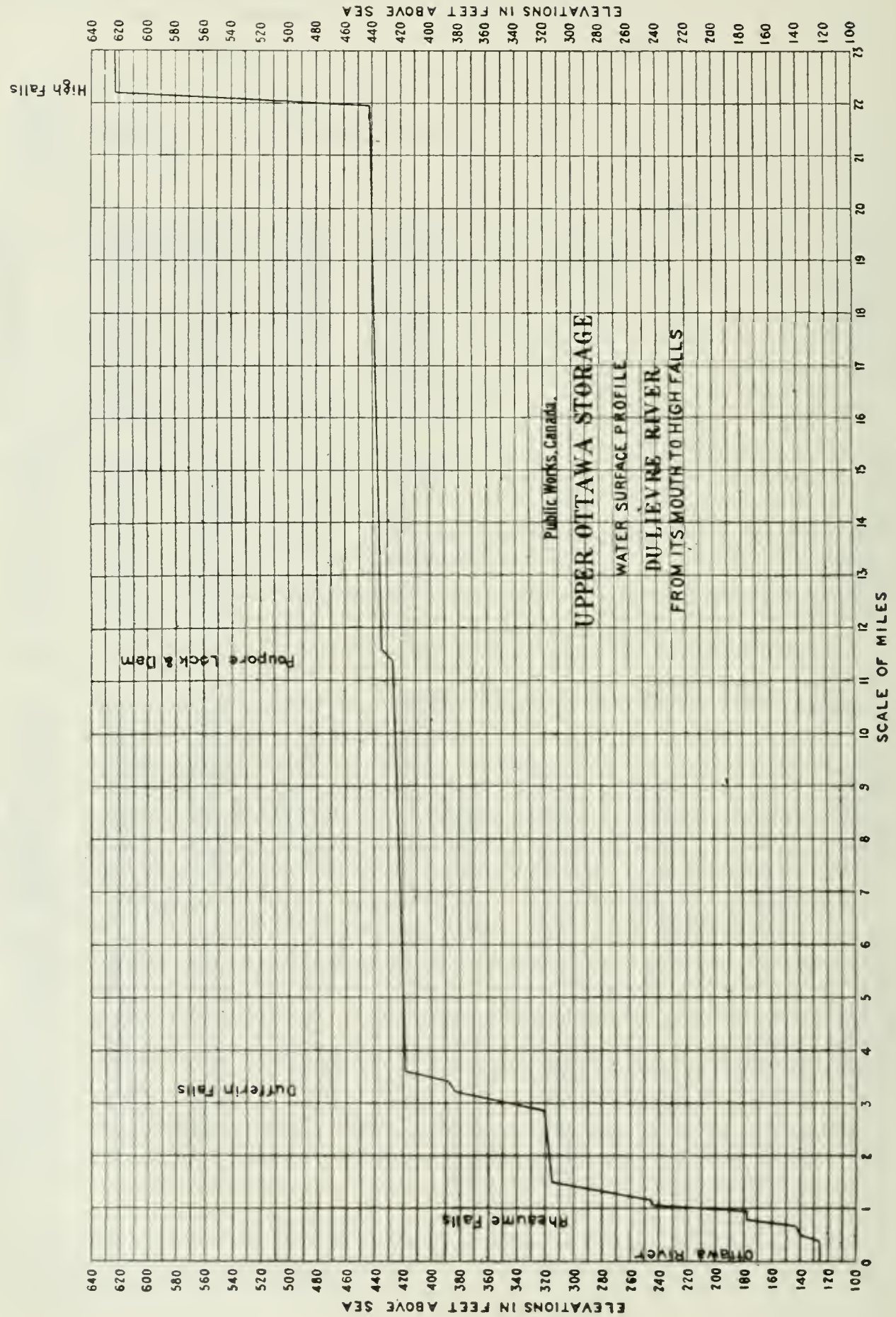
Month.	Discharge in Second-Feet.				Depth in inches on Drainage area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1905–06.					
April	6,200	2,200	3,600	0·891	0·99
May	18,400	6,200	13,250	3·280	3·78
June	9,900	2,000	4,170	1·032	1·15
July	2,900	1,700	2,200	0·545	0·63
August	2,300	1,750	1,970	0·488	0·56
September	2,150	1,500	1,850	0·458	0·51
October	5,200	1,900	2,570	0·636	0·73
November	4,000	2,400	2,600	0·644	0·72
December	[1] 2,400	1,910	2,130	0·527	0·61
January	[1] 3,940	1,910	2,540	0·629	0·73
February	[1] 4,070	2,490	3,220	0·797	0·86
March	[1] 2,970	1,710	3,030	0·750	0·86
The year	18,400	1,500	3,590	0·890	12·13
1910–11.					
April	17,700	8,000	14,870	3·681	4·11
May	16,900	4,700	10,360	2·564	2·96
June	7,600	3,300	5,670	1·403	1·57
July	3,300	2,000	2,330	0·577	0·67
August	3,100	2,200	2,570	0·636	0·73
September	2,900	2,500	2,616	0·648	0·72
October	5,150	2,500	3,920	0·970	1·12
November	3,200	2,500	2,820	0·698	0·78
December	2,600	2,300	2,460	0·609	0·70
January	2,400	2,280	2,350	0·582	0·67
February	2,240	2,240	2,240	0·554	0·60
March	2,240	2,200	2,220	0·550	0·63
The year	17,700	2,000	4,530	1·123	15·26

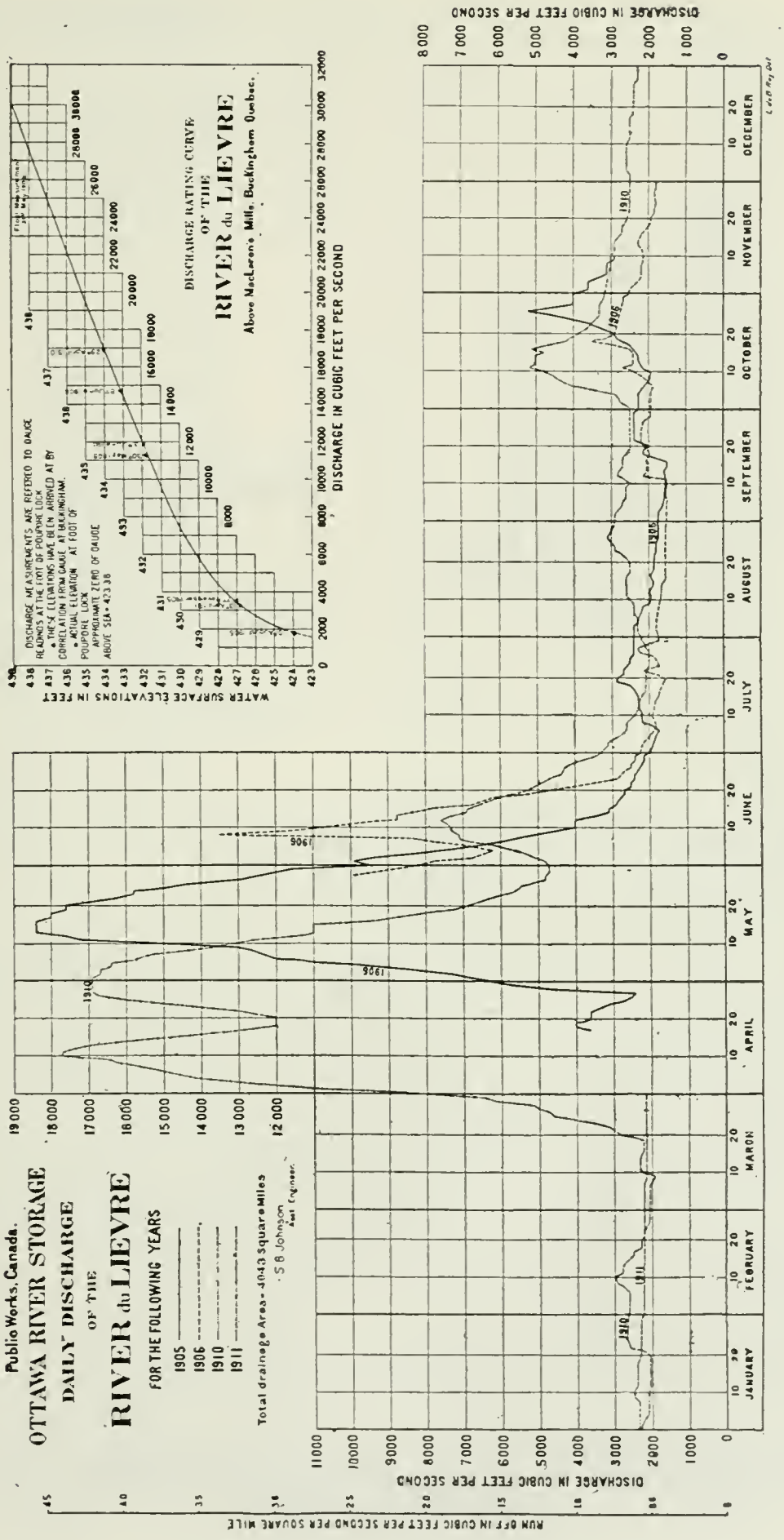
Note.—[1]For the months of December, 1905, to March, 1906, the discharge was estimated by taking 72% of the run-off per square mile of the Gatineau river watershed.

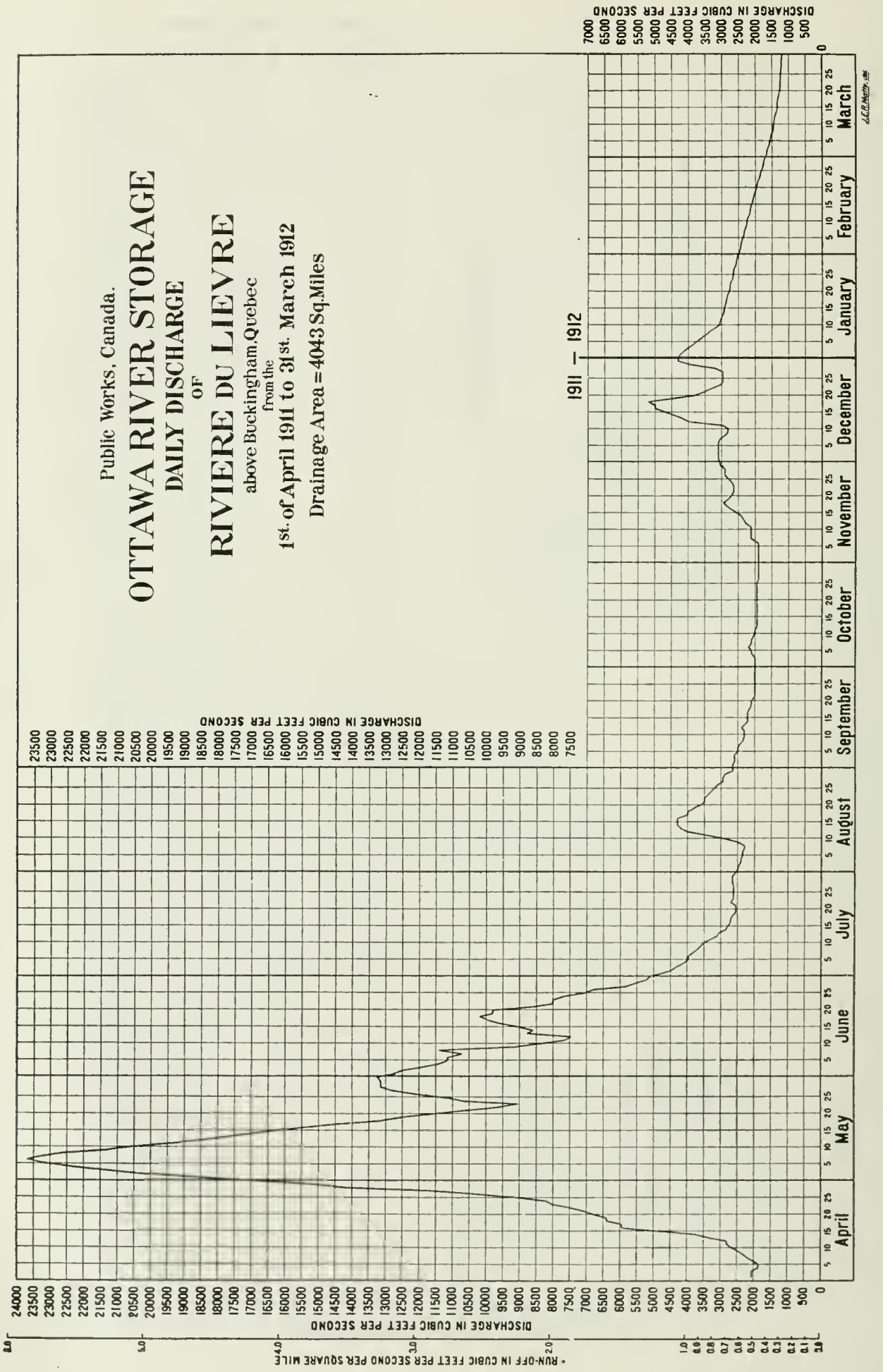
SESSIONAL PAPER No. 19a

Monthly Discharge of Lievre River near Poupore, Que., for 1911–1915.

Month.	Discharge in Second-Feet.				Run-off, Depth in inches on Drainage area.
	Minimum.	Maximum.	Mean.	Per square mile.	
1911–12.					
April	17,200	1,800	5,710	1·413	1·58
May	23,700	9,000	17,670	4·374	5·04
June	13,100	5,000	9,100	2·252	2·51
July	0·500	2,500	3,400	0·842	0·97
August	4,300	2,300	3,170	0·785	0·91
September	2,700	2,000	2,230	0·552	0·62
October	2,200	1,900	1,990	0·493	0·57
November	3,050	1,900	2,430	0·601	0·67
December	5,250	2,300	3,550	0·879	1·01
January	4,300	2,500	3,080	0·762	0·88
February	2,500	1,750	2,100	0·520	0·56
March	1,750	1,200	1,400	0·347	0·40
The year	23,700	1,200	4,650	1·152	15·72
1912–13.					
April	21,965	1,160	9,976	2·467	2·753
May	25,740	16,110	20,458	5·060	5·834
June	22,455	5,530	12,454	3·080	3·437
July	5,270	2,255	3,548	0·877	1·011
August	4,075	1,340	2,574	0·637	0·734
September	3,940	2,770	3,137	0·776	0·866
October	9,200	2,770	4,211	1·042	1·201
November	14,010	5,140	8,822	2·182	2·435
December	6,550	3,805	4,854	1·200	1·384
January	4,345	3,295	4,006	0·991	1·143
February	3,805	2,065	2,659	0·658	0·685
March	19,515	2,065	7,087	1·753	2·021
The year	25,740	1,160	7,000	1·731	23·504
1913–14.					
April	23,535	13,070	18,186	4·498	5·020
May	26,130	6,710	14,903	3·686	4·250
June	6,710	2,350	4,452	1·101	1·229
July	2,980	1,780	2,257	0·558	0·643
August	1,780	860	1,229	0·304	0·350
September	2,160	860	1,361	0·337	0·376
October	10,730	1,495	3,942	0·975	1·124
November	9,410	6,550	7,755	1·918	2·140
December	6,980	2,823	4,391	1·086	1·252
January	2,875	1,970	2,267	0·560	0·646
February	2,665	1,970	2,296	0·568	0·591
March	2,350	1,040	1,454	0·360	0·415
The year	26,130	860	3,572	0·881	18·036
1914–15.					
April	8,990	1,447	3,759	0·930	1·038
May	9,520	4,270	7,199	1·781	2·053
June	4,210	2,455	3,151	0·779	0·869
July	3,872	1,780	2,596	0·642	0·740
August	1,780	920	1,252	0·310	0·357
September	1,400	730	1,079	0·267	0·298
October	2,065	760	1,359	0·336	0·387
November	3,400	2,017	2,797	0·692	0·772
December	4,615	2,017	3,465	0·857	0·988
January	3,467	2,560	3,010	0·744	0·858
February	2,770	1,780	2,195	0·543	0·565
March	2,560	1,780	2,093	0·518	0·597
The year	9,520	730	2,836	0·701	9·522


UPPER OTTAWA STORAGE
WATER SURFACE PROFILE
DU LIÈVRE RIVER
FROM ITS MOUTH TO HIGH FALLS
Public Works, Canada.
ELEVATIONS IN FEET ABOVE SEA
SCALE OF MILES
High Falls
Paugan Lake & Dam
Duffer in Falls
Rhéaume Falls
Ottawa River


Public Works, Canada.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
RIVER du LIEVRE
FOR THE FOLLOWING YEARS
1905
1906
1910
1911
Total drainage Area - 4043 Square Miles
S B Johnson
Asst Engineer
DISCHARGE MEASUREMENTS ARE REFERED TO GAUGE READINGS AT THE FOOT OF POUPORE LOCK
THE K ELEVATIONS HAVE BEEN ARRIVED AT BY CORRELATION FROM GAUGE AT BUCKINGHAM.
ACTUAL ELEVATION AT FOOT OF POUPORE LOCK
APPROXIMATE ZERO OF GAUGE ABOVE SEA - 423.38
DISCHARGE RATING CURVE OF THE
RIVER du LIEVRE
Above MacLarens Mills, Buckingham Quebec.
WATER SURFACE ELEVATIONS IN FEET
DISCHARGE IN CUBIC FEET PER SECOND
RUN OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
DISCHARGE IN CUBIC FEET PER SECOND
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER


Public Works, Canada.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF
RIVIERE DU LIEVRE
above Buckingham, Quebec
from the
1st. of April 1911 to 31st. March 1912
Drainage Area = 4043 Sq. Miles
1911 — 1912
DISCHARGE IN CUBIC FEET PER SECOND
RUN-OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
April
May
June
July
August
September
October
November
December
January
February
March

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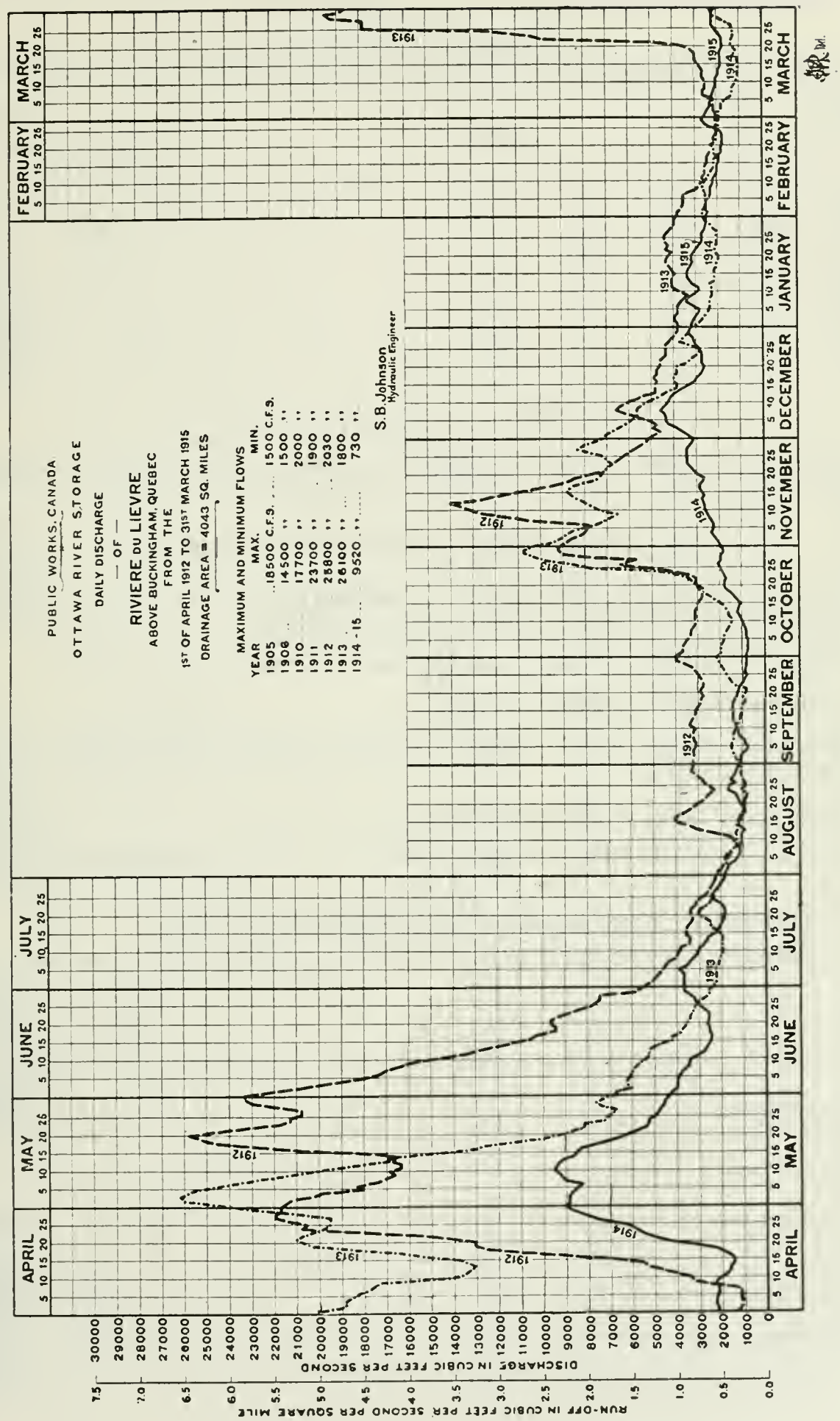


Discharge Measurements of the Blanche River at Thurso, Que.

(Drainage area, 236 square miles.)

Date.	Made by	W. S. Elevation.	Discharge in Sec.-ft.
1905.			
May 31	O. Stitt	103·0	186
Aug. 10	"	100·8	197
1908.			
May 27	D. H. Philp	101·2	449
1909.			
June 17			2,073

OTTAWA RIVER AT PAPINEAUVILLE, QUE.

Records Available.—Gauge readings from the 1st May to 31st December, 1906.

SOUTH NATION RIVER, PLANTAGENET SPRINGS, ONT.

Location of Gauge.—Water surface readings secured by measuring down from base of rail on Canadian Pacific Railway bridge.

Records Available.—Gauge readings from 1st April, 1910, to date.

Drainage Area.—1,436 square miles.

Discharge Measurements.—Made from the Canadian Pacific Railway bridge at Plantagenet Springs.

Discharge Curve.—Fairly well defined.

Winter Flow.—Discharge relation affected to a very small degree by ice.

Discharge Measurements of the South Nation River.

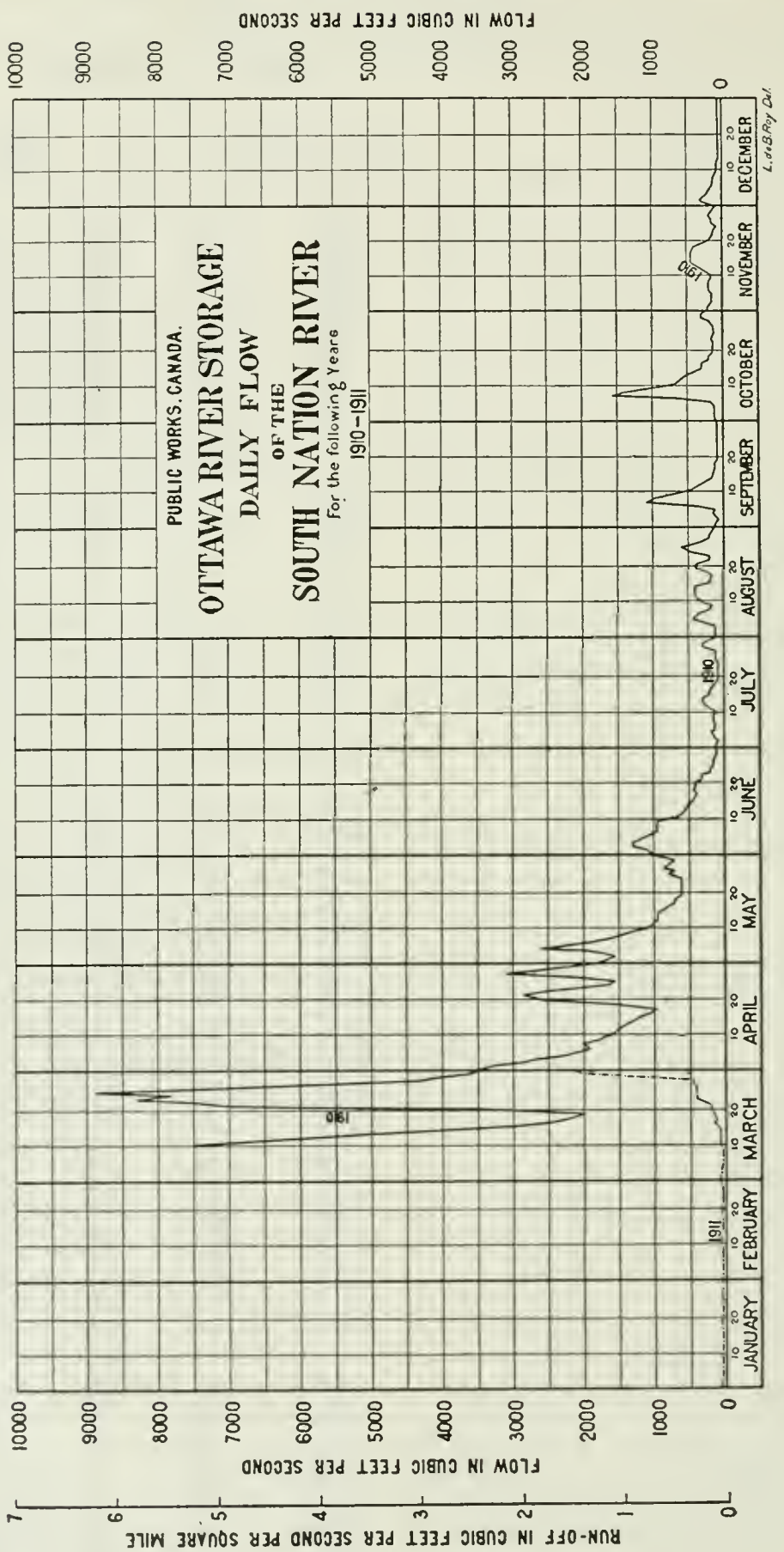
Date.	Made by	W. S. Elevation.	Discharge in Se.c-ft.
1905.			
Mar. 30	Jas. Gillespie		17,708
June 8	O. Stitt		176
1908.			
May 23	D. H. Philp		1,016
1909.			
April 8	S. B. Johnson		30,400
1911.			
April 14	"	162·47	38,400
" 22		150·00	3,750
June 1		145·90	208
1912.			
Mar. 15		145·70	54
Apr. 12–13		157·70	24,100

SESSIONAL PAPER No. 19a

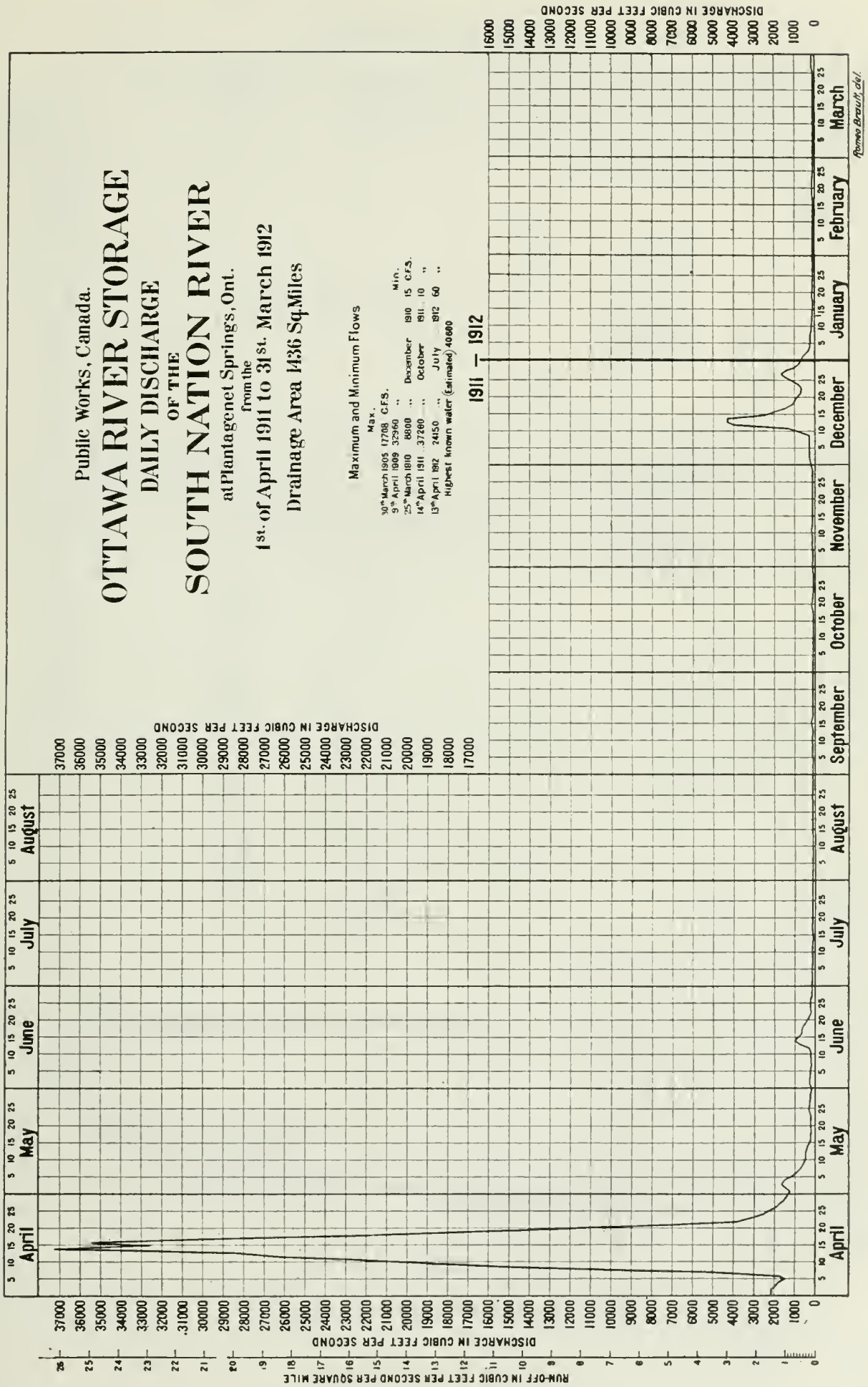
Monthly Discharge of South Nation River near Plantagenet for 1910 to 1915.

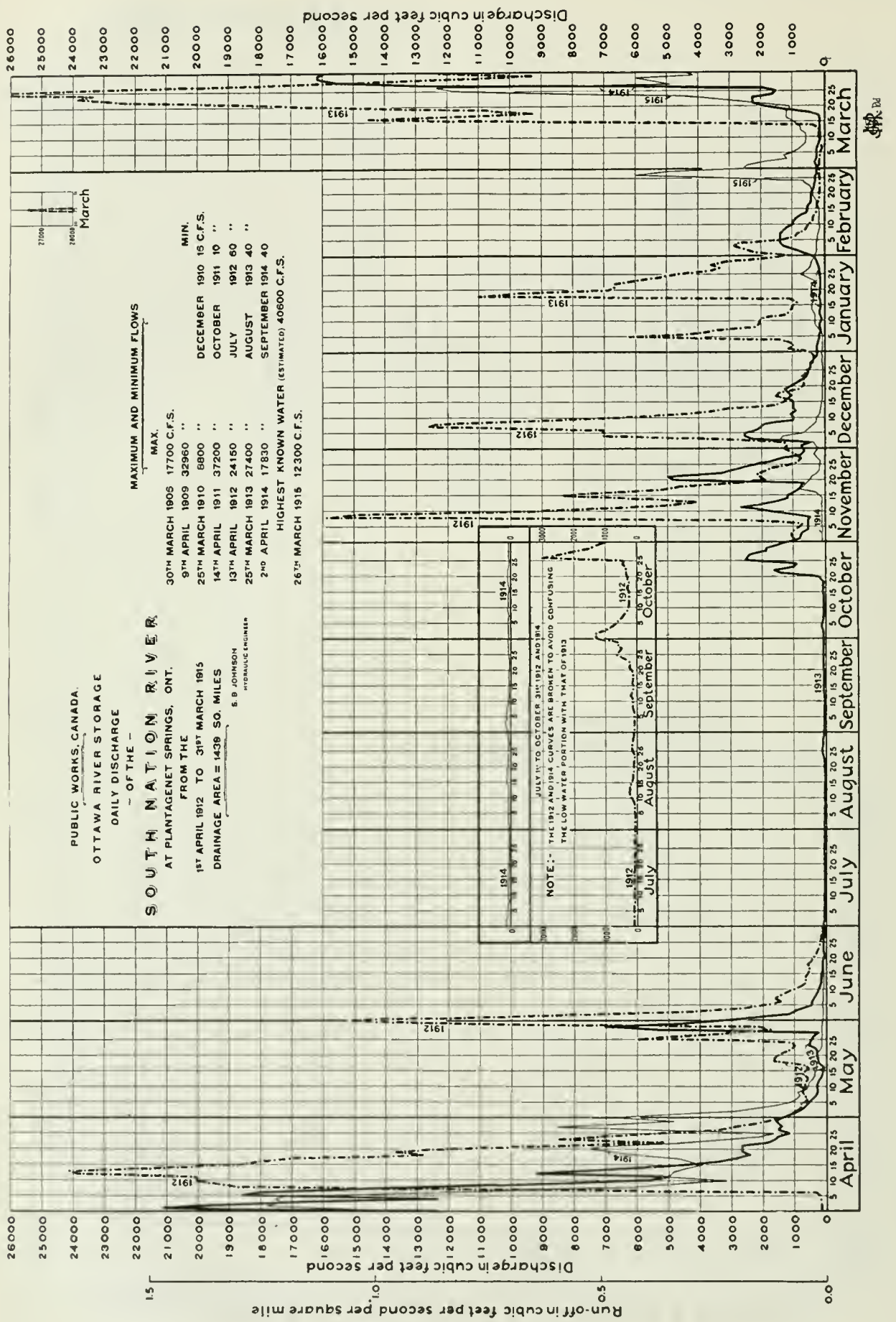
(Drainage area, 1,436 square miles.)

Month.	Discharge in Second-Feet.				Depth in inches on Drainage Area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1910–11.					
April	3,500	960	2,029	1·413	1·577
May	2,600	600	1,200	0·836	0·964
June	1,300	100	567	0·395	0·441
July	300	100	121	0·084	0·097
August	600	120	303	0·211	0·243
September	1,100	80	171	0·119	0·133
October	1,560	100	246	0·171	0·197
November	450	80	201	0·139	0·155
December	300	50	76	0·042	0·061
January	60	60	60	0·053	0·048
February	80	60	63	0·044	0·046
March	2,150	60	434	0·302	0·348
The year	3,500	50	456	0·317	4·310
1911–12.					
April	37,200	1,300	11,706	8·144	9·089
May	1,650	130	505	0·352	0·406
June	990	80	299	0·208	0·232
July	100	40	59	0·041	0·047
August	60	20	44	0·031	0·036
September	100	40	67	0·047	0·052
October	100	20	56	0·039	0·045
November	170	40	106	0·074	0·083
December	4,290	210	1,166	0·812	0·936
January	590	60	133	0·093	·107
February	80	40	54	0·037	0·040
March	100	40	59	0·041	0·047
The year	37,200	20	1,188	0·827	11·120
1912–13.					
April	24,142	130	10,016	6·975	7,784
May	15,090	530	2,117	1·474	1·699
June	12,624	100	1,490	1·037	1·157
July	100	60	79	0·054	0·062
August	250	60	117	0·081	0·093
September	1,300	80	295	0·205	0·229
October	3,000	250	782	0·545	0·628
November	15,912	730	3,817	2·658	2·966
December	12,624	350	2,999	2·088	2·407
January	11,010	810	3,621	2·522	2·908
February	2,850	130	658	0·458	0·477
March	27,430	100	8,934	6·221	7·173
The year	27,430	60	2,918	2·032	27·583
1913–14.					
April	21,118	1,410	7,034	4·905	5·474
May	7,050	80	1,028	0·716	0·745
June	1,190	80	275	0·192	0·179
July	100	60	76	0·053	0·053
August	130	40	69	0·048	0·046
September	80	40	62	0·043	0·042
October	2,560	60	661	0·460	0·462
November	5,010	470	1,573	1·096	1·019
December	2,560	250	1,059	0·737	0·740
January	350	100	173	0·120	0·116
February	1,410	210	725	0·505	0·451
March	16,190	130	3,435	2·393	2·403
The year	21,118	40	1,423	0·999	11·730
1914–15.					
April	17,830	1,650	7,462	5·190	5·799
May	4,650	90	663	0·462	0·533
June	170	60	75	0·052	0·058
July	170	60	83	0·058	0·067
August	130	60	84	0·058	0·067
September	170	40	73	0·051	0·057
October	100	40	70	0·049	0·056
November	810	80	226	0·157	0·175
December	1,410	60	242	0·169	0·195
January	730	80	321	0·224	0·258
February	6,000	130	847	0·590	0·614
March	12,350	590	3,017	2·001	2·422
The year	17,830	40	1,090	0·759	10·301


PUBLIC WORKS. CANADA.
OTTAWA RIVER STORAGE
DAILY FLOW
OF THE
SOUTH NATION RIVER
For the following Years
1910–1911
FLOW IN CUBIC FEET PER SECOND
RUN-OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
1911
1910
1911
L. et B. Roy Del.

SESSIONAL PAPER No. 19a




PUBLIC WORKS, CANADA.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
— OF THE —
SOUTH NATION RIVER
AT PLANTAGENET SPRINGS, ONT.
FROM THE
1ST APRIL 1912 TO 31ST MARCH 1915
DRAINAGE AREA = 1439 SQ. MILES
S. B. JOHNSON
HYDRAULIC ENGINEER
MAXIMUM AND MINIMUM FLOWS
MAX.
30TH MARCH 1905 17700 C.F.S.
9TH APRIL 1909 32960 "
25TH MARCH 1910 6800 "
14TH APRIL 1911 37200 "
13TH APRIL 1912 24150 "
25TH MARCH 1913 27400 "
2ND APRIL 1914 17830 "
HIGHEST KNOWN WATER (ESTIMATED) 40600 C.F.S.
26TH MARCH 1915 12300 C.F.S.
MIN.
DECEMBER 1910 15 C.F.S.
OCTOBER 1911 10 "
JULY 1912 60 "
AUGUST 1913 40 "
SEPTEMBER 1914 40
NOTE:- THE 1912 AND 1914 CURVES ARE BROKEN TO AVOID CONFUSING THE LOW WATER PORTION WITH THAT OF 1913
JULY 1ST TO OCTOBER 31ST 1912 AND 1914
Discharge in cubic feet per second
Run-off in cubic feet per second per square mile
April
May
June
July
August
September
October
November
December
January
February
March

Discharge Measurements of the North Nation River.

(Drainage area, 710 square miles.)

Date.	Made by	W. S. Elevation.	Discharge in Sec.-ft.
1901.			
Nov. 8-9			237
1905.			
June 1	O. Stitt	92·82	1,546
Aug. 11	"	91·72	1,320
1908.			
May 28	D. H. Philp	93·72	3,649

ROUGE RIVER ABOVE CALUMET, QUE.

Location of Gauges.—Gauge No. 1 is at the head of Table falls, attached to the forebay wall near the racks of the power-house. Gauge No. 2 is about 200 feet below the power-house fastened to a small stone-filled crib. Both these gauges are the standard staff gauge used by this survey.

Records Available.—Gauge No. 1, 14th April to 15th November, 1905; 14th May to 31st December, 1906; and from the 15th May, 1909, to date. Gauge No. 2 was only placed this year.

Drainage Area.—1,780 square miles.

Discharge Measurements.—Made from a row-boat about 2 miles above Table falls.

Discharge Curve.—Not very well defined owing to backwater from the dam and power-house at Table falls. A new curve will be related to the lower gauge as soon as a sufficient number of meterings have been secured.

Winter Flow.—The reach above the falls is considerably affected by ice.

Discharge Measurements of the Rouge River.

Date.	Hydrographer.	W. S. Elevation.	Discharge in Sec.-ft.
1905.			
Mar. 21	Wm. Kennedy, Jr.		847
June 1	O. Stitt	361·40	4,277
Aug. 11	"	360·00	1,855
1908.			
May 29	D. H. Philp	362·50	12,163
1909.			
May 17	S. B. Johnson	364·50	25,783
1910.			
Sept. 24	Riordon Paper Co., Hawkesbury	359·25	1,030
Oct. 3	" "	360·10	1,720
1911.			
Dec. 14	S. B. Johnson	361·53	6,427
1914.			
Mar. 19	G. M. Brown	358·78	770
1915.			
Feb. 10	J. A. Beauchemin	359·60	1,031
" 23	C. Y. Steele	359·63	1,007
Mar. 10	"	359·90	1,409
" 25	J. A. Beauchemin	360·13	1,602

Monthly Discharge of Rouge River near Table Falls for 1910 to 1914.

(Drainage area, 1,780 square miles.)

Month.	Discharge in Second-Feet				Run-off, Depth in inches on Drainage Area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1910.					
January	2,450	1,600	1,870	1·050	1·211
February	2,100	1,600	1,850	1·039	1·082
March	7,250	1,700	2,960	1·662	1·916
The period	7,250	1,600	.....	.....	.....
1910–11.					
April	18,200	7,250	11,290	6·342	7·029
May	12,400	2,100	6,310	3·544	4·098
June	9,050	2,100	4,110	2·308	2·576
July	2,300	1,200	1,700	0·955	1·101
August	2,000	1,500	1,790	1·005	1·159
September	1,900	1,350	1,550	0·871	0·972
October	5,200	1,600	2,410	1·354	1·561
November	1,800	1,400	1,670	0·938	1·047
December	1,400	1,300	1,390	0·781	0·900
January	1,050	800	940	0·528	0·609
February	800	600	700	0·393	0·409
March	800	400	540	0·303	0·349
The year	18,200	400	2,870	1·610	21·859
1911–12.					
April	21,500	800	6,380	3·58	4·00
May	28,400	2,500	11,940	6·71	7·74
June	8,100	2,500	4,380	2·46	2·75
July	2,500	1,050	1,620	0·91	1·05
August	1,900	950	1,250	0·70	0·81
September	1,000	900	920	0·52	0·58
October	1,050	850	930	0·52	0·60
November	3,200	950	1,640	0·92	1·03
December	6,400	1,400	2,800	1·57	1·81
January	2,200	1,350	1,830	1·03	1·19
February	1,350	1,050	1,180	0·66	0·71
March	1,050	900	920	0·52	0·60
The year	28,400	800	2,980	1·67	22·87
1912–13.					
April	25,450	960	10,841	6·090	6·796
May	17,750	4,595	7,823	4·395	5·067
June	12,850	2,770	5,704	3·204	3·576
July	2,550	1,090	1,567	0·880	1·015
August	5,500	940	2,226	1·251	1·442
September	2,770	1,710	2,246	1·262	1·408
October	2,550	1,710	1,959	1·100	1·268
November	12,150	2,075	5,241	2·945	3·287
December	4,770	1,710	3,439	1·931	2·226
January	2,100	1,710	2,720	1·528	1·762
February	2,885	1,370	1,877	1·054	1·097
March	17,000	1,200	6,499	3·651	4·210
The year	25,450	940	4,347	2·442	35·154
1913–14.					
April	20,200	6,400	12,541	7·046	7·863
May	18,450	3,000	6,096	3·425	3·949
June	3,790	1,530	2,614	1·468	1·638
July	1,840	980	1,292	0·726	0·837
August	940	722	830	0·466	0·537
September	1,160	722	888	0·499	0·557
October	13,200	910	3,754	2·109	2·432
November	7,760	3,380	4,920	2·764	3·085
December	3,250	1,160	1,834	1·030	1·188
January	1,280	1,000	1,134	0·637	0·734
February	1,470	890	1,094	0·615	0·640
March	1,775	842	967	0·543	0·626
The year	20,200	722	3,158	1·774	24·086

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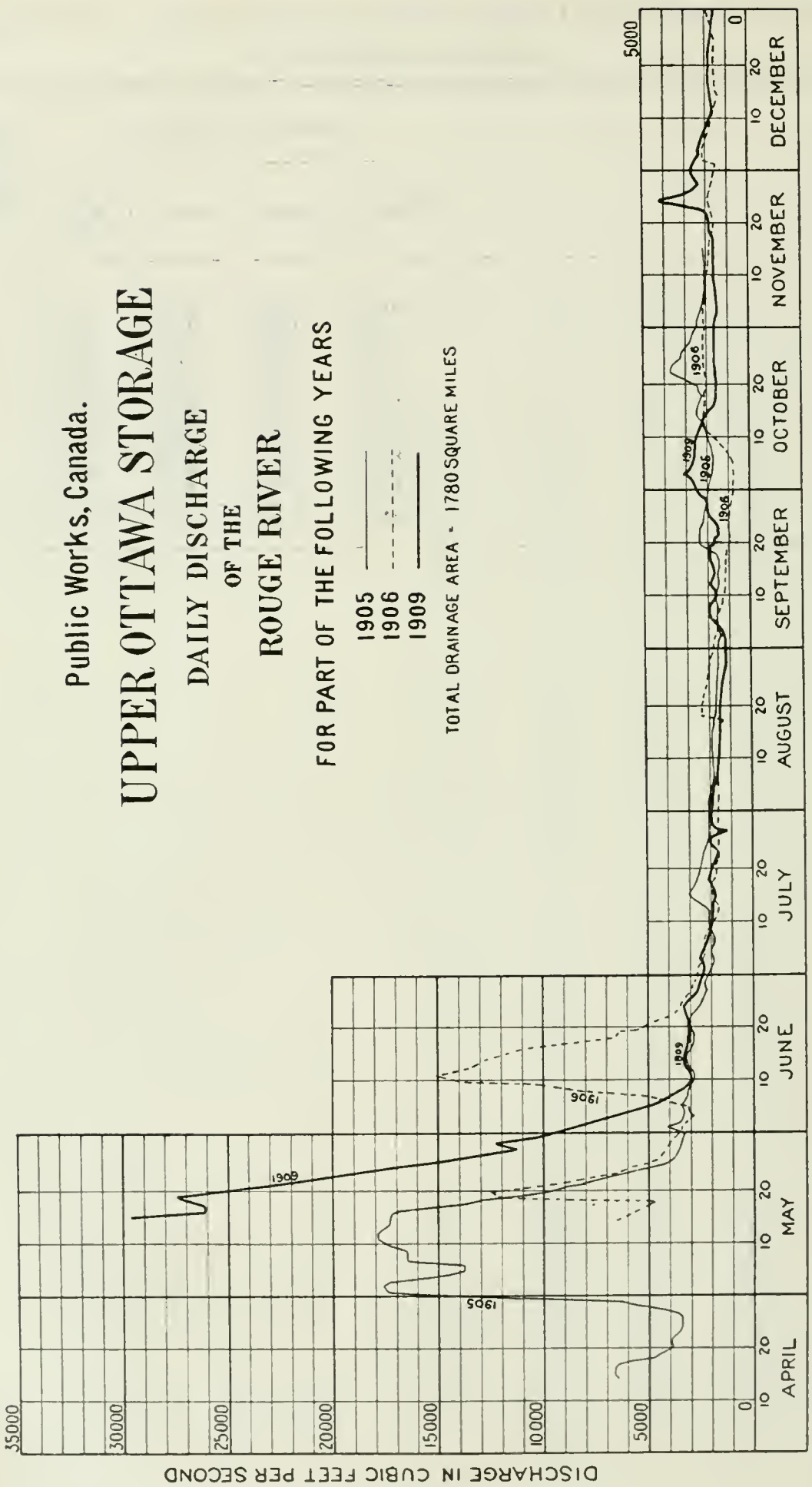
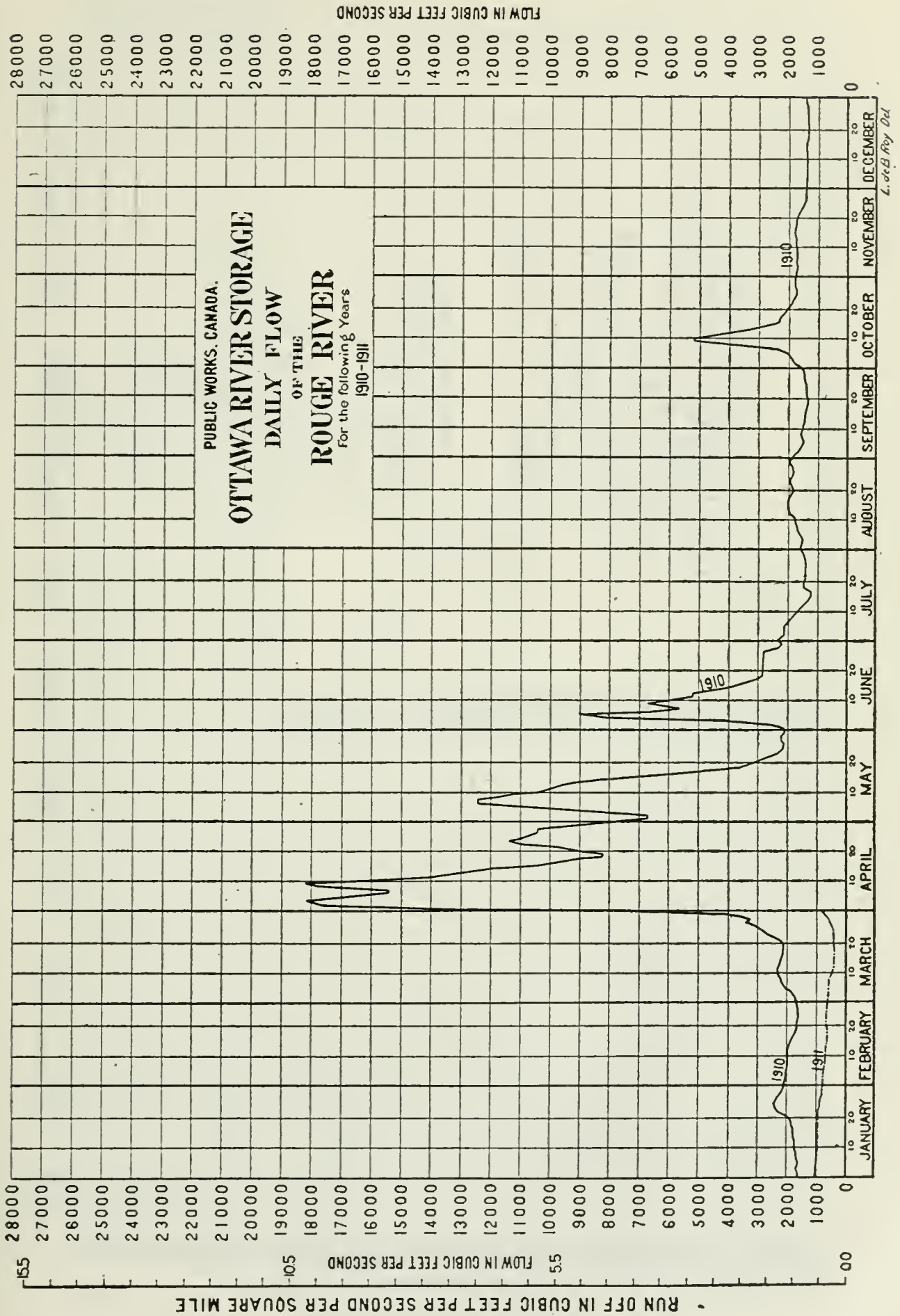
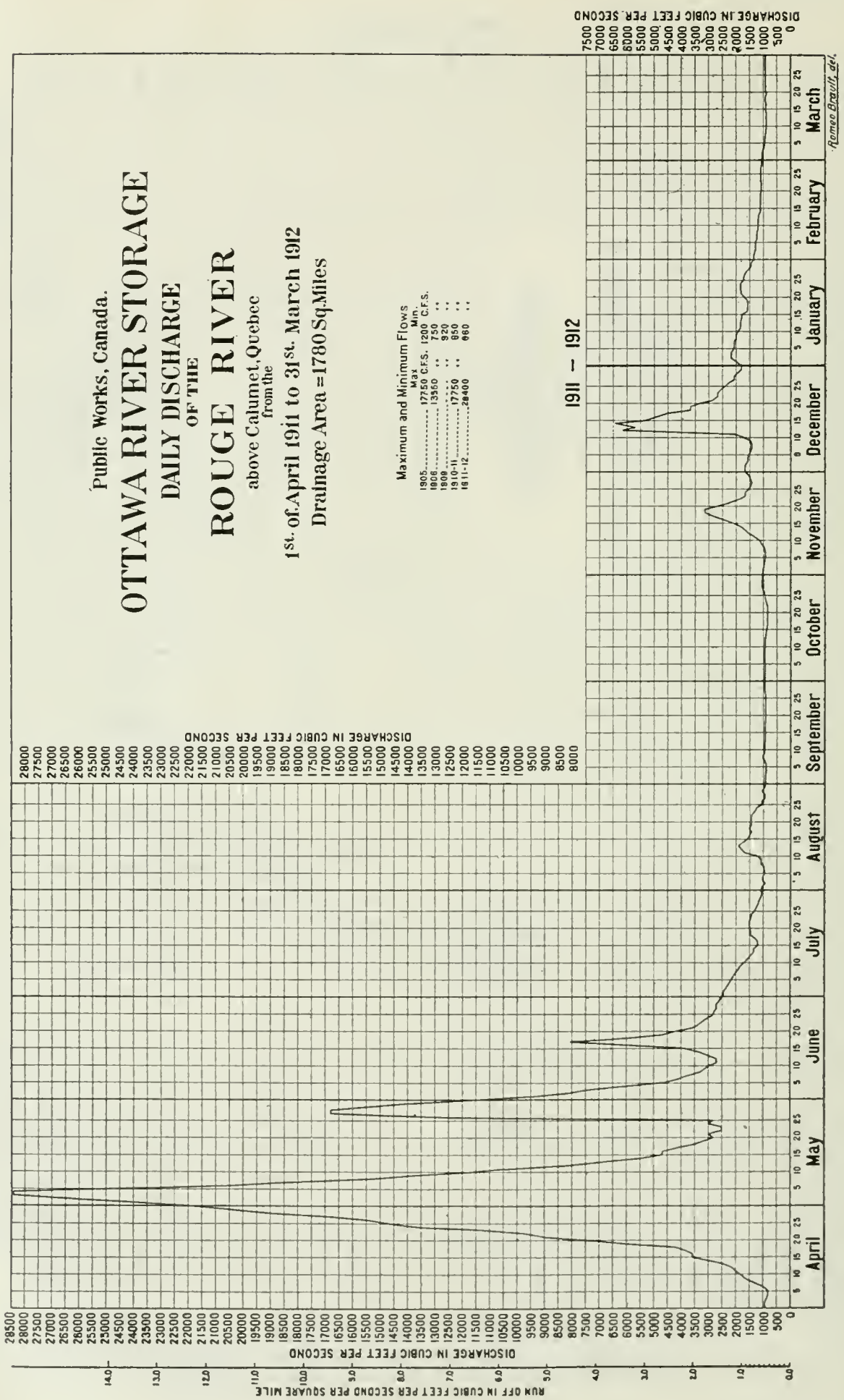
Monthly Discharge of Rouge River near Table Falls for 1914–1915.

(Drainage area, 1,780 square miles.)

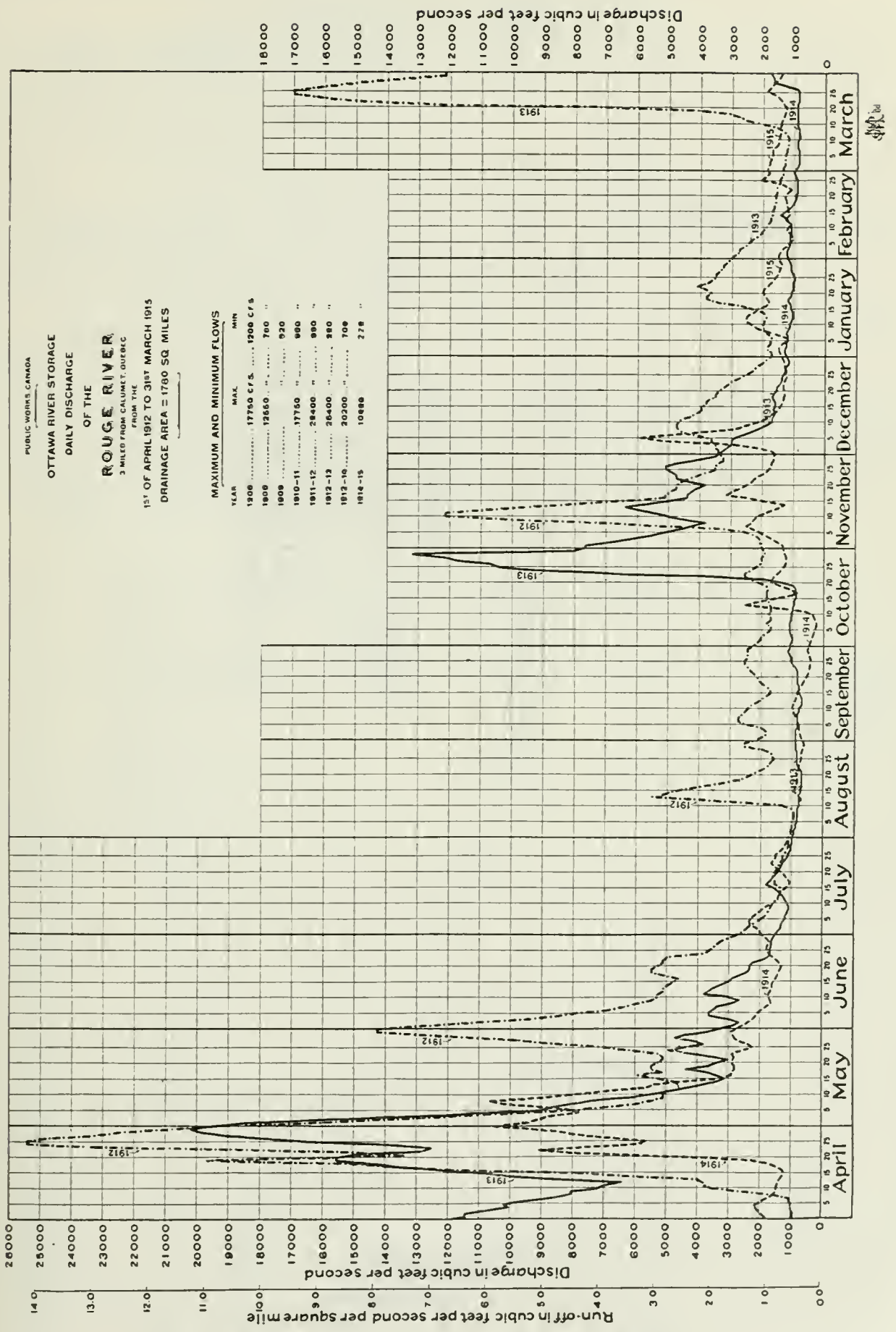
Month.	Discharge in Second-Feet.				Run-off, Depth in inches on Drainage Area.
	Maximum.	Minimum.	Mean.	Per square mile.	
1914–15.					
April	10,650	1,200	3,857	2·167	2·418
May	10,650	2,210	5,137	2·887	3·329
June	2,530	1,300	1,734	0·974	1·087
July	2,350	1,057	1,568	0·881	1·016
August	1,014	600	809	0·454	0·523
September	995	404	695	0·390	0·435
October	2,530	228	1,037	0·583	0·672
November	3,160	1,250	2,034	1·143	1·276
December	5,910	1,250	2,058	1·156	1·333
January	2,530	1,200	1,780	1·000	1·153
February	2,070	1,057	1,334	0·749	0·780
March	1,860	1,250	1,535	0·862	0·994
The year	10,650	228	1,969	1·106	15·016


Public Works, Canada.
UPPER OTTAWA STORAGE
DAILY DISCHARGE
OF THE
ROUGE RIVER
FOR PART OF THE FOLLOWING YEARS
1905
1906
1909
TOTAL DRAINAGE AREA - 1780 SQUARE MILES
DISCHARGE IN CUBIC FEET PER SECOND
35000
30000
25000
20000
15000
10000
5000
0
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
1905
1906
1909

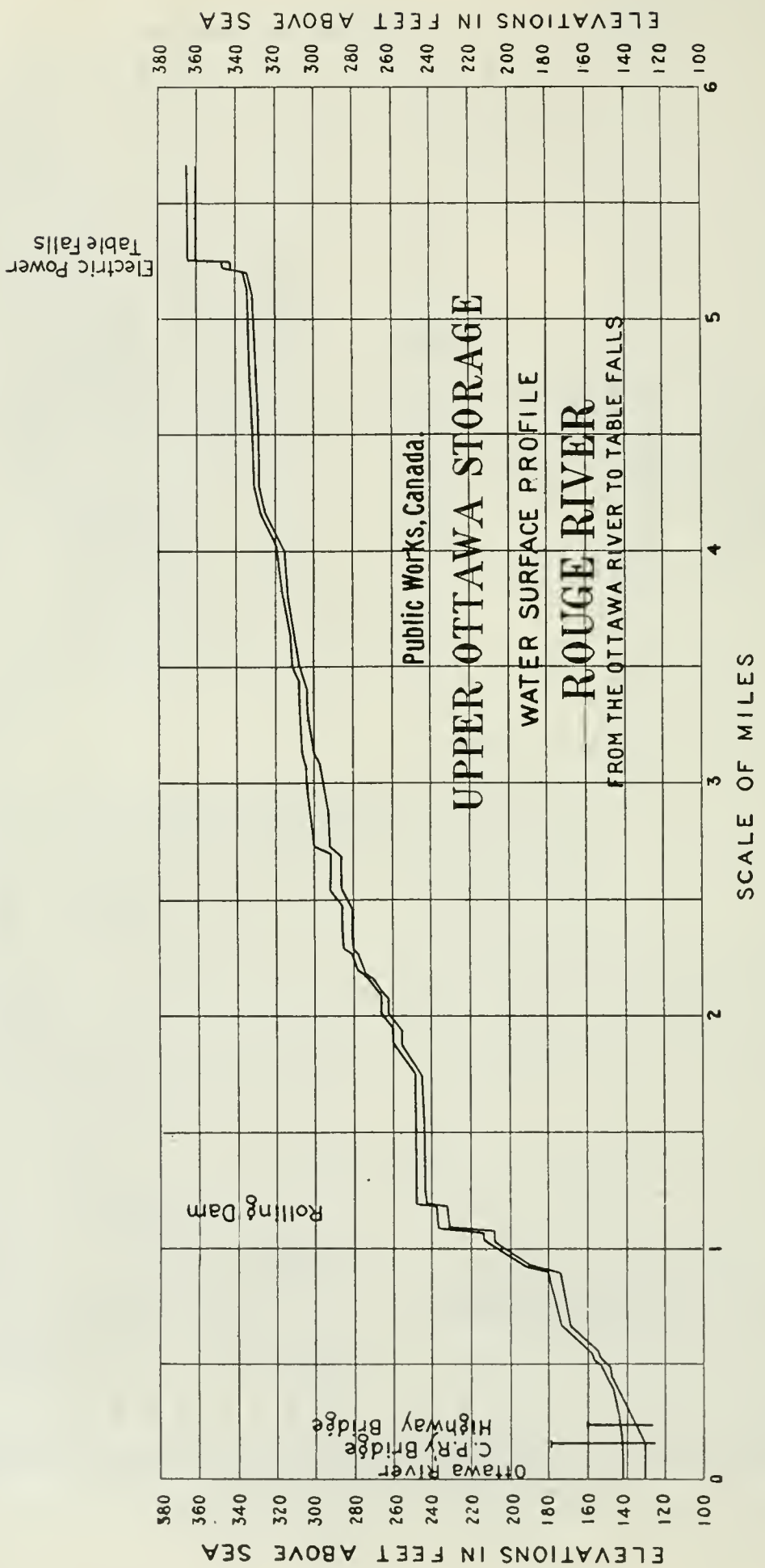

PUBLIC WORKS, CANADA.
OTTAWA RIVER STORAGE
DAILY FLOW
OF THE
ROUGE RIVER
For the following Years
1910-1911
FLOW IN CUBIC FEET PER SECOND
RUN OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
1910
1911


Public Works, Canada.
OTTAWA RIVER STORAGE
DAILY DISCHARGE
OF THE
ROUGE RIVER
above Calumet, Quebec
from the
1st. of April 1911 to 31st. March 1912
Drainage Area = 1780 Sq. Miles
Maximum and Minimum Flows
Max Min.
1905 17750 C.F.S. 1200 C.F.S.
1908 13950 " 750 "
1909 " 920 "
1910-11 17750 " 850 "
1911-12 20400 960 "
1911 — 1912
DISCHARGE IN CUBIC FEET PER SECOND
RUN OFF IN CUBIC FEET PER SECOND PER SQUARE MILE
April
May
June
July
August
September
October
November
December
January
February
March
Romeo Brault, del.

SESSIONAL PAPER No. 19a



19a—14½


ELEVATIONS IN FEET ABOVE SEA
380 360 340 320 300 280 260 240 220 200 180 160 140 120 100
0 1 2 3 4 5 6
SCALE OF MILES
UPPER OTTAWA STORAGE
ROUGE RIVER
WATER SURFACE PROFILE
FROM THE OTTAWA RIVER TO TABLE FALLS
Public Works, Canada.
Rolling Dam
Ottawa River
C.P.R.Y. Bridge
Highway Bridge
Electric Power
Table Falls

OTTAWA RIVER AT GRENVILLE, QUE.

Records Available.—Staff gauge readings for the head and foot of the Grenville canal from 1st January, 1871, to date.

Drainage Area.—54,330 square miles, to head of Grenville canal.

OTTAWA RIVER AT CARILLON, QUE.

Records Available.—Staff gauge readings for the head and foot of the Carillon canal from 1st January, 1870, to date.

Drainage Area.—54,500 square miles to Carillon.

Discharge Measurements.—Made from a launch about 2 miles below Carillon, Que.

Discharge Curve.—The curve related to the lower Carillon gauge is not well defined owing to considerable variation in levels caused by winds on Oka lake, and to a certain extent by the opening and closing of the lock gates. The levels at the upper Carillon and lower and upper Grenville gauges are affected to a small extent by the opening and closing of the lock gates.

Winter Flow.—Discharge relation affected by ice.

DISCHARGE MEASUREMENTS of the North River near St. Andrews, Que.

(Drainage area, 700 square miles.)

Date.	Made by	W. S. Elevation.	Discharge in Sec.-ft.
1905.			
Jan. 19	C. E. Gauvin		[1]250
June 3	O. Stitt		883
1907.			
Aug. 15	S. B. Johnson		434
Sept. 13	"		387
1910.			
Sept. 12			698
1912.			
June 12			4,300
1913.			
Nov. 15	J. A. Beauchemin		1,584
1914.			
Mar. 16	G. M. Brown		440
" 16	"		370
Sept. 5	Bruce Ross		360
1915.			
Jan. 5	J. A. Beauchemin		404
" 16	"	109·84	1,340
" 29	"	109·14	712
Feb. 9	"	108·94	551
" 22	"	108·59	597
Mar. 3	C. Y. Steele	110·24	850
" 11	"	109·19	1,197
" 15	"	109·39	678

[1]Estimated.

Discharge Measurements of the Rigaud River, Que.

(Drainage area, 175 square miles.)

Date.	Made by	W. S. Elevation.	Discharge in Sec.-ft.
1905.			
April 5	J. Gillespie		2,000
June 7	O. Stitt		30
1913.			
Nov. 14	J. A. Beauchemin		170
1914.			
Mar. 17			70

Discharge Measurements of Ottawa River at Carillon.

Date.	Made by	Elevations at Upper Grenville.	Elevations at Lower Grenville.	Elevations at Upper Carillon.	Elevations at Lower Carillon.	Discharge at Carillon.	Discharge from Lake of Two Mountains.
						Sec.-ft.	Sec.-ft.
1907.							
May 29	C. E. McNaughton	136·66	94·59	92·00	76·45	195,800	200,890
Aug. 17	S. B. Johnson	129·99	87·09	86·25	71·60	47,500	48,650
Sept. 14	"	128·91	86·09	85·50	70·70	33,040	33,930
1908.							
June 13	D. H. Philp	137·16	94·67	92·50	75·85	168,010	172,380
1910.							
Sept. 10	S. B. Johnson	129·24	86·25	85·60	70·85	34,640	35,870
1911.							
July 21	S. B. Johnson	129·83	87·00	85·92	71·37	44,270	45,420
Oct. 19	"	126·91	84·90	83·92	69·53	21,630	22,190
1912.							
June 6-11	A. A. Anderson	137·58	94·92	92·37	77·38	185,920	193,070
July 6	W. E. Blue	132·62	89·67	88·29	73·37	86,390	88,640
" 16	"	131·66	88·59	87·50	72·53	74,050	75,980
Aug. 19	"	129·78	88·92	86·12	71·53	49,110	50,390
1913.							
May 13	A. M. Kirkpatrick	136·95	94·59	91·37	77·08	167,350	171,700
Sept. 8	"	127·91	85·38	84·50	70·28	43,140	44,260
" 8	"	127·91	85·38	84·50	70·28	33,410	34,280
Nov. 13	J. A. Beauche in	130·78	87·84	86·79	72·20	66,370	68,970
" 13	"	130·78	87·84	86·79	72·20	61,200	63,720
1914.							
Mar. 12	G. M. Brown	128·33	89·00	86·75	71·53	24,040	24,670
" 14	"	128·24	88·34	85·71	71·53	26,300	26,980
Sept. 17-19	Bruce Ross	127·73	84·34	83·54	69·70	21,080	21,760
Dec. 3	J. A. Beauchemin	128·66	85·59	85·00	70·49	38,930	39,940
" 12	Bruce Ross	128·41	85·34	84·83	70·70	32,300	33,140
" 16-18	"	128·24	86·23	85·48	70·37	31,500	32,320
" 18	"	128·16	85·17	85·17	70·28	26,770	27,470
" 29	J. A. Beauchemin	127·49	85·59	84·54	70·12	21,660	22,220
1915.							
Jan. 5	Bruce Ross	127·33	86·67	84·33	70·12	24,160	24,790
" 12	J. A. Beauchemin	128·08	85·92	84·58	70·45	26,040	26,720
" 14-15	"	127·95	85·75	84·52	70·37	26,740	27,440
" 27-28	"	127·70	86·09	84·33	70·28	22,640	23,230
Feb. 18	"	127·33	85·92	84·17	69·87	18,990	19,480
Mar. 2	C. Y. Steele	128·08	85·67	84·67	70·62	22,040	22,610
" 11-12	"	127·45	84 84	84 06	69·95	22,280	22,860
" 15-16	"	127·37	84·67	84·04	69·87	21,830	22,400
" 17	J. A. Beauchemin	127·41	84·79	84·08	69·87	22,030	22,600
" 19	C. Y. Steele	127·41	84·67	84·04	69·87	22,590	23,180
" 23	"	127·83	84·92	84·37	70·07	24,760	25,400
" 24	"	128·41	85·38	84·75	70·37	29·310	30,070
" 30	"	128·66	85·92	84·94	70·99	29,560	30,330

OTTAWA RIVER AT ITS OUTLETS.

Location of Gauges.—Staff gauges at head and foot of St. Anne's canal.

Records Available.—Readings from upper gauge from 1870 to date. Lower gauge from 1871 to date.

Drainage Area.—55,600 square miles.

Discharge Measurements.—For the total outflow of the river from the Lake of the Two Mountains meterings are made at Carillon (described under Carillon heading), and at the four outlets to the lake. In order to arrive at the total flow of the river from the Carillon meterings the run-off from the 1,100 square miles of drainage area between Carillon and Montreal has to be taken into account. Of this drainage area, 875 square miles are taken up by the watersheds of the North and Rigaud rivers. These rivers have been metered a sufficient number of times—as is shown by the lists—to give a fair knowledge of this extra run-off.

Discharge Curve.—The curves for the four outlets are all referred to the Upper St. Anne's gauge and may be considered fairly accurate.

DISCHARGE MEASUREMENTS of the Four Outlets of the Ottawa River in the vicinity of Montreal.

Date.	Discharge in Cubic Feet per Second.						Upper St. Anne's Gauge.
	St. Anne's.	Vaudreuil.	Prairies River.	Prairies and Mille Rivers	Mille Ile River.	Totals of Four Branches.	
1903.							
September 14	.....	.....	26,880	.....	.....	.....	70·57
1905.							
May 20	.....	.....	.....	.....	17,560	.....	.....
" 22	.....	.....	64,530	82,000	.....	.....	74·82
" 24	.....	29,880	.....	.....	.....	.....	74·82
" 24	41,400	.....	.....	.....	.....	.....	74·82
" 20–24	.....	.....	.....	.....	.....	153,370	74·82
August 2	.....	.....	.....	.....	3,490	.....	71·42
" 3	.....	.....	34,770	38,250	.....	.....	71·42
" 4	12,340	.....	.....	.....	.....	.....	71·32
" 5	.....	3,860	.....	.....	.....	.....	71·32
" 2–5	.....	.....	.....	.....	.....	54,450	71·37
November 2	.....	6,780	.....	.....	.....	.....	70·92
" 3	13,420	.....	.....	.....	.....	.....	70·92
" 4	.....	.....	28,420	29,650	.....	.....	70·82
" 6	.....	.....	.....	.....	1,240	.....	70·67
" 2–6	.....	.....	.....	.....	.....	49,850	70·82
1906.							
July 18	.....	.....	.....	.....	2,860	.....	71·57
" 20	.....	.....	34,660	37,520	.....	.....	71·42
" 21	11,840	.....	.....	.....	.....	.....	71·22
" 21	.....	7,940	.....	.....	.....	.....	71·22
" 18–21	.....	.....	.....	.....	.....	57,300	71·42
1907.							
March 12	.....	15,190	.....	.....	.....	.....	70·97
May 30	.....	48,590	.....	.....	.....	.....	75·47
" 31	50,780	.....	.....	.....	.....	.....	75·32
" 31	.....	.....	72,030	90,670	.....	.....	75·32
June 1	.....	.....	.....	.....	18,640	.....	75·07
May 30, June 1	.....	.....	.....	.....	.....	190,040	75·17
September 2–6	.....	.....	22,320	23,660	.....	.....	70·47
1908.							
June 15	42,920	.....	.....	.....	.....	.....	75·57
" 17	.....	39,280	.....	.....	.....	.....	75·32
" 18	.....	.....	.....	.....	17,010	.....	75·17
" 20–23	.....	.....	64,970	81,980	.....	.....	74·69

Discharge Measurements of the Four Outlets of the Ottawa River in the vicinity of Montreal—*Concluded.*

Date.	Discharge in Cubic Feet per Second.						Upper St. Anne's Gauge.
	St. Anne's.	Vaudreuil.	Prairies River.	Prairies and Mille Rivers.	Mille Ile River.	Totals of Four Branches.	
1912.							
June 18	42,390						74·83
" 20			57,630	74,080			74·57
" 22–24		26,650					74·45
July 19	21,340						71·99
" 20		10,280					71·82
August 1			33,290				71·15
" 26	7,760						70·74
" 27		7,820					70·99
September 10					1,260		70·82
" 14			27,370				70·82
October 8					9 20		70·49
" 10			24,670				70·49
November 6			39,440				72·07
" 8					12,210		73·24
1913.							
May 23			58,160	74,760			74·36
June 4				63,600			73·57
" 14				57,280			72·74
" 23				43,080			72·25
July 8				38,570			70·99
" 12				39,230			70·90
" 18				34,710			70·82
" 25				33,240			70·86
August 4				28,130			70·45
" 8				26,880			70·29
" 15					960		70·07
" 16			15,950				70·07
" 15–16				16,910			70·07
" 20			12,570	13,550	980		69·99
" 28			18,910	19,620	710		69·99
September 4			19,300				70·07
October 1			18,890				69·94
" 3					1,140		70·15
" 1–3				20,030			70·04
" 7			18,290				69·99
" 8					1,110		69·99
" 9			20,120				69·94
" 8–9				21,230			69·97
" 13			19,140				69·78
" 14					1,090		69·74
" 13–14				20,230			69·76
" 22			26,830	28,560	1,730		70·61
" 27			37,460	42,260	4,800		71·61
" 28					8,140		71·57
" 29			35,760				71·69
" 28–29				43,900			71·63
November 6					3,740		71·49
" 7			34,190				71·36
" 6–7				37,930			71·42
1914.							
May 28				46,230			72·36
June 5				39,620			71·86
" 22				35,900			71·36
" 26				38,860			71·65
July 6				36,020			71·57
" 11				34,350			71·40
" 15				33,750			71·15
" 23				28,880			70·65
" 27				24,840			70·57
August 7				21,350			69·99
" 15				21,540			69·78
" 19				18,140			69·65
" 27				15,640			69·40
September 1				16,740			69·36
" 12	2,860			15,850			69·32
" 15	3,680	2,830		15,380			69·32
" 17				16,250			69·32
" 22				16,530			69·15
" 25				14,400			69·15
" 30				14,410			69·07
October 14				14,190			68·90
" 20				14,420			69·15
November 3				16,830			69·19
" 10				18,000			69·32

SESSIONAL PAPER No. 19a

Monthly Discharge of Ottawa River near Montreal for 1912–1915.

(Drainage area, 56,000 square miles.)

Month.	Discharge in Second-Feet.				Run-Off.		Temperature.	Rainfall, inches.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent. of Rainfall.		
1912-1913.								
April	158,500	25,500	105,075	1·876	2·094	97	.....	2·15
May	221,000	134,500	165,008	2·947	3·398	69	.....	4·94
June	229,000	110,600	162,637	2·904	3·240	162	.....	2·00
July	106,500	53,200	75,174	1·342	1·547	55	.....	2·80
August	53,200	39,000	45,942	0·820	0·945	23	.....	4·06
September	41,550	38,000	40,208	0·718	0·801	20	.....	3·99
October	74,500	35,000	44,652	0·797	0·919	31	.....	3·01
November	112,070	71,900	88,106	1·573	1·755	58	.....	3·06
December	96,100	51,000	73,702	1·316	1·517	68	.....	2·24
January	52,700	47,250	53,243	0·950	1·095	29	.....	3·76
February	54,000	42,250	46,330	0·827	0·861	52	.....	1·67
March	154,000	40,750	77,645	1·386	1·598	50	.....	*3·22
The year	229,000	35,000	81,574	1·457	19·770	54	.....	36·90
1913-14.								
April	168,800	143,450	153,485	2·741	3·059	164	.....	1·87
May	201,000	116,900	156,400	2·793	3·220	148	.....	2·18
June	115,950	59,720	85,027	1·518	1·694	128	.....	1·32
July	58,540	43,450	48,937	0·874	1·008	37	.....	2·70
August	43,060	34,540	37,827	0·675	0·778	22	.....	3·52
September	36,920	31,820	34,631	0·618	0·690	24	.....	2·84
October	65,030	34,880	43,576	0·778	0·897	21	.....	4·12
November	76,740	54,530	66·711	1·191	1·329	43	.....	3·07
December	80,290	49,500	65,717	1·174	1·354	68	.....	1·98
January	48,500	32,750	37,255	0·665	0·767	27	.....	2·88
February	35,450	31,000	32,716	0·584	0·608	31	.....	1·95
March	70,350	25,750	34,243	0·611	0·704	37	.....	†1·87
The year	201,000	25,750	66,450	1·187	16·108	53	.....	30·30
1914-15.								
April	113,000	44,200	68,617	1·223	1·365	57	37·8	2·39
May	127,500	77,000	109,081	1·948	2·246	206	58·8	1·09
June	76,000	54,000	62,750	1·121	1·251	46	62·0	2·71
July	59,000	31,600	45,394	0·811	0·935	62	68·2	1·51
August	30,800	21,500	25,523	0·456	0·526	21	65·8	2·49
September	20,000	16,300	18,440	0·329	0·367	13	58·8	2·90
October	19,200	16,000	17,471	0·312	0·360	14	49·2	2·61
November	30,000	18,800	23,313	0·416	0·464	15	31·3	3·12
December	44,000	23,200	29,884	0·534	0·616	31	18·7	1·99
January	28,600	21,200	25,352	0·453	0·522	23	12·9	2·32
February	28,000	20,200	21,754	0·388	0·404	19	17·0	2·15
March	38,300	22,100	25,977	0·464	0·535	134	22·8	0·40
The year	127,500	16,000	39,463	0·705	9·591	33	41·9	25·68

* Bark Lake figures not available for precipitation means of fiscal year 1912–1913.

†Mean monthly precipitation computed from observations at Quinze dam, Timiskaming, and Bark lake (Ottawa Storage); Haileybury, Stonecliff, and Renfrew (Dom. Meteorological Service); Ottawa (Central Experimental Farm), and Montreal (McGill University). Discharges obtained from Upper Carillon for 1912–13 from April to June 15 and Dec. 13, 1912, to March 31, 1913, from plotted discharge at Upper Carillon. Discharges obtained from Upper Grenville for 1913–14 and from Dec. 18, 1913, to March 26, 1914, from plotted discharge at upper Grenville.

Annual Run-off of the Ottawa River at North Timiskaming, below Timiskaming dam, at the Chaudière falls, at Besserer's Grove, and at Montreal.

NORTH TIMISKAMING.

Year.	Maximum.	Minimum.	Mean.	Sec.-ft. Per square mile.	Per cent of precipitation.	Precipitation.
	Sec.-ft.	Sec.-ft.	Sec.-ft.			Inches.
1909-10	78,000	4,600	17,400	1·80	85	29·1
1910-11	31,600	2,800	13,400	1·38	66	28·4
1911-12	46,800	2,500	12,300	1·26	54	31·9
1912-13	56,600	3,100	16,000	1·65	65	34·7
1913-14	39,700	3,400	12,200	1·25	57	30·1
1914-15	25,200	2,040	6,340	0·65	34	26·0
The period	78,000	2,040	12,940	1·33	60	30·0

BELOW TIMISKAMING.

1907-08	61,800	6,000	21,500	1·19	57	28·3
1908-09. No records.						
1909-10	102,000	7,900	27,500	1·52	76	27·1
1910-11	50,500	5,900	21,900	1·21	61	26·9
1911-12	90,000	7,500	22,500	1·24	59	28·4
1912-13	63,600	9,120	22,700	1·26	51	33·7
1913-14	70,200	7,040	22,300	1·23	51	32·9
1914-15	40,800	4,620	11,800	0·65	33	26·6
The period	102,000	4,620	21,400	1·19	55	29·1

CHAUDIERE FALLS.

1902-03	94,100	13,100	42,200	1·22	48	34·9
1903-04	85,000	9,100	32,800	0·95	43	29·9
1904-05	146,000	9,600	45,700	1·32	55	32·6
1905-06	79,700	13,700	30,700	0·89	60	30·2
1906-07	98,200	9,940	29,500	0·85	44	26·6
1907-08. No records.						
1908-09	15,300	16,500	41,900	1·21	61	26·8
1909-10	158,000	16,000	49,800	1·44	65	30·1
1910-11	75,500	6,800	34,700	1·00	63	25·4
1911-12	106,000	12,500	33,500	0·97	46	28·5
1912-13	117,300	14,200	40,700	1·18	46	34·7
1913-14	114,700	15,500	35,500	1·03	47	29·4
1914-15	74,500	8,800	21,900	0·63	35	24·9
The period	158,000	6,800	36,600	10·6	51	29·5

BESSERER'S GROVE.

1866-67	147,000	24,000	65,300	1·44	59	37·8
1867-68	171,500	16,500	76,200	1·68	62	27·8
1868-69	114,000	12,000	36,200	0·80	69	20·8
1869-70	185,000	22,500	64,700	1·42	79	37·3
1870-71	198,500	13,800	45,900	1·01	70	26·7
1871-72	170,500	9,600	44,400	0·98	67	25·0
1872-73	161,300	18,200	48,200	1·06	47	35·3
1873-74	195,000	23,500	61,400	1·35	.....	.....
1874-75	168,500	12,500	.....	.....	.....	.....
1875-76	185,500	21,800	48,000	1·06	68	31·8
1876-77	252,000	12,700	63,500	1·40	110	27·6
1877-78	89,500	16,500	37,300	0·82	46	29·1
1878-79	91,500	20,300	50,400	1·11	39	45·3
1879-80	199,500	15,500	51,600	1·11	59	32·9
1880-81	189,500	19,300	46,600	1·02	44	40·1
1881-82	147,800	10,700	38,500	0·85	47	32·2
1882-83	150,500	17,000	55,200	1·21	42	39·0
1883-84	132,000	25,000	62,100	1·37	50	37·3
1884-85	154,500	24,000	56,300	1·24	59	28·4
1885-86	162,000	25,000	61,100	1·34	60	30·5
1886-87	192,300	22,800	55,900	1·23	51	32·1
1887-88	193,000	8,300	41,700	0·92	51	24·5
1888-89	192,300	21,700	52,300	1·15	62	25·3
1889-90	148,800	18,800	55,700	1·22	54	29·2
1890-91	175,500	17,500	60,600	1·39	61	30·8
1891-92	166,000	20,200	56,400	1·24	57	28·9

Annual Run-off of the Ottawa River at North Timiskaming, below Timiskaming dam, at the Chaudière falls, at Besserer's Grove, and at Montreal.—*Concluded.*

BESSERER'S GROVE—*Concluded.*

Year.	Maximum.	Minimum.	Mean.	Sec.-ft. Per square mile.	Per cent of precipitation.	Precipitation.
	Sec.-ft.	Sec.-ft.	Sec.-ft.			Inches.
1892-93	94,500	14,300	44,500	0·98	43	30·6
1893-94	212,500	21,500	58,100	1·29	45	38·9
1894-95	167,500	18,000	54,400	1·20	52	31·4
1895-96	151,500	18,800	49,900	1·10	47	32·3
1896-97	205,200	21,200	58,000	1·28	54	32·0
1897-98	176,000	21,500	59,800	1·32	55	32·6
1898-99	108,200	28,300	52,200	1·15	48	33·0
1899-1900	207,000	23,000	59,100	1·30	56	32·5
1900-01	142,000	23,200	55,000	1·21	53	30·9
1901-02	158,500	16,000	52,500	1·16	45	34·9
1902-03	125,000	29,300	62,300	1·37	53	34·9
1903-04	118,000	22,700	52,100	1·14	52	29·9
1904-05	187,000	19,300	67,100	1·48	62	32·6
1905-06	119,000	19,300	45,100	0·99	45	30·2
1906-07	122,000	12,300	40,100	0·88	45	26·6
1907-08	141,000	27,300	57,200	1·26	52	32·8
1908-09	141,000	10,000	45,900	1·01	51	26·8
1909-10	231,000	22,300	70,000	1·53	69	30·1
1910-11	123,000	11,500	44,600	0·98	53	25·4
1911-12	152,500	16,000	45,500	1·00	48	28·5
1912-13	166,500	22,100	63,700	1·40	55	34·9
1913-14	158,800	21,200	52,700	1·16	54	29·3
1914-15	95,500	13,000	28,900	0·64	35	24·9
The period	252,000	8,300	52,800	1·16	53	31·5

AT MONTREAL.

1912-13	229,000	35,000	81,600	1·46	54	36·9
1913-14	201,000	25,800	66,400	1·19	53	30·3
1914-15	127,500	16,000	39,500	0·70	33	25·7
The period	229,000	16,000	62,500	1·12	47	31·0

Annual Run-off of the Tributaries of the Ottawa River.

NORTH TRIBURARIES.

KIPAWA RIVER AND GORDON CREEK.

Year.	Maximum.	Minimum.	Mean.	Sec.-ft. Per square mile.	Per cent of precipitation.	Precipitation.
	Sec.-ft.	Sec.-ft.	Sec.-ft.			Inches.
1913-14	6,710	1,070	3,230	1·52	62	33·1
1914-15	4,420	380	1,200	0·56	26	28·8
The period	6,710	380	2,215	1·04	44	31·0

GORDON CREEK.

1912-13	2,730	340	1,640	.....	.....	.....
1913-14	3,190	220	1,550	.....	.....	.....
1914-15	1,700	70	650	.....	.....	.....
The period	3,190	70	1,280			

Annual Run-off of the Tributaries of the Ottawa River—*Continued.*

BLACK RIVER.

Year.	Maximum.	Minimum.	Mean.	Sec.-ft. Per square mile.	Per cent of precipitation.	Precipitation.
	Sec.-ft.	Sec.-ft.	Sec.-ft.			Inches.
1909–10	9,550	700	2,670	2·65	.....	.....
1910–11	7,000	300	1,620	1·69	.....	.....
1911–12	8,100	370	1,440	1·76	.....	.....
1912–13	7,270	260	2,140	2·26	.....	.....
1913–14	7,200	270	1,340	1·41	.....	.....
1914–15	4,160	210	770	0·81	.....	.....
The period	9,550	210	1,660	1·76	.....	.....

COULONGE RIVER.

1905	13,400	900	.....	.....	.....	.....
1906	13,800	650	.....	.....	.....	.....
1909–10	35,800	900	6,210	3·41	.....	.....
1910–11	20,200	1,500	5,050	2·72	.....	.....
1911–12	10,250	700	2,400	1·33	.....	.....
1912–13	9,930	550	2,800	1·54	.....	.....
1913–14	13,210	140	2,430	1·33	.....	.....
1914–15	7,640	230	1,360	0·75	.....	.....
The period	35,800	140	3,375	1·85	.....	.....

GATINEAU RIVER.

1900–01	44,300	6,600	13,900	1·55	66	32·1
1901–02	42,200	4,600	12,200	1·35	42	37·2
1902–03	36,200	4,600	14,300	1·58	63	34·2
1903–04	31,500	7,000	14,150	1·57	62	34·9
1904–05	59,000	7,300	16,500	1·84	80	31·3
1905–06	32,900	5,300	10,970	1·22	57	28·8
1906–07	30,100	3,300	9,230	1·03	65	26·0
1907–08	41,700	7,600	14,700	1·69	62	37·1
1908–09	63,500	1,180	14,030	1·56	80	32·6
1909–10	76,000	2,440	18,580	2·06	76	37·9
1910–11	47,600	2,450	11,930	1·32	62	29·1
1911–12	49,900	2,020	11,140	1·24	56	30·0
1912–13	49,000	3,160	14,720	1·61	54	40·9
1913–14	54,000	3,330	12,500	1·37	65	28·8
1914–15	28,800	1,620	7,000	0·77	39	26·3
The period	76,000	1,180	13,060	1·45	62	32·5

LIEVRE RIVER.

1905–06	18,400	1,500	3,600	0·89	.....	.....
1906–1910	No records.					
1910–11	17,700	2,000	4,530	1·12	.....	.....
1911–12	23,700	1,200	4,650	1·15	.....	.....
1912–13	25,700	1,160	7,000	1·73	.....	.....
1913–14	26,100	860	3,570	0·88	.....	.....
1914–15	9,500	730	2,840	0·70	.....	.....
The period	26,100	730	4,365	1·08		

ROUGE RIVER.

1910–11	18,200	400	2,870	1·61	.....	.....
1911–12	28,400	800	2,980	1·67	.....	.....
1912–13	25,450	940	4,350	2·44	.....	.....
1913–14	20,200	720	3,160	1·77	.....	.....
1914–15	10,650	230	1,970	1·11	.....	.....
The period	28,400	230	3,066	1·72	.....	.....

Annual Run-off of the Tributaries of the Ottawa River—*Concluded.*

SOUTH TRIBUTARIES.

PETAWAWA RIVER.

Year.	Maximum.	Minimum.	Mean.	Sec.-ft. Per square mile.	Per cent of precipitation.	Precipitation,
	Sec.-ft.	Sec.-ft.	Sec.-ft.			Inches.
1910–11	5,100	200	1,550	0·97	71	19·5
1911–12	4,600	260	1,100	0·69	33	28·4
1913–14	6,760	60	1,620	1·02	51	27·1
1914–15	4,310	230	1,010	0·63	34	25·8
The period	6,760	60	1,320	0·83	47	25·2

BONNECHERE RIVER.

1909–10	5,170	140	1,030	1·13	51	30·
1910–11	1,750	70	420	0·46	23	29·1
1911–12	2,600	30	570	0·63	30	28·5
The period	5,170	30	673	0·74	35	29·2

MADAWASKA RIVER.

1909–10	20,000	700	4,340	1·35	.....	.....
1910–11	13,500	700	2,480	0·77	.....	.....
1911–12	9,200	520	2,160	0·67	.....	.....
1912–13	21,500	1,050	4,760	1·48	.....	.....
1913–14	17,600	720	2,760	0·86	.....	.....
1914–15	7,600	820	1,740	0·54	.....	.....
The period	21,500	520	3,040	0·91	.....	.....

SOUTH NATION RIVER.

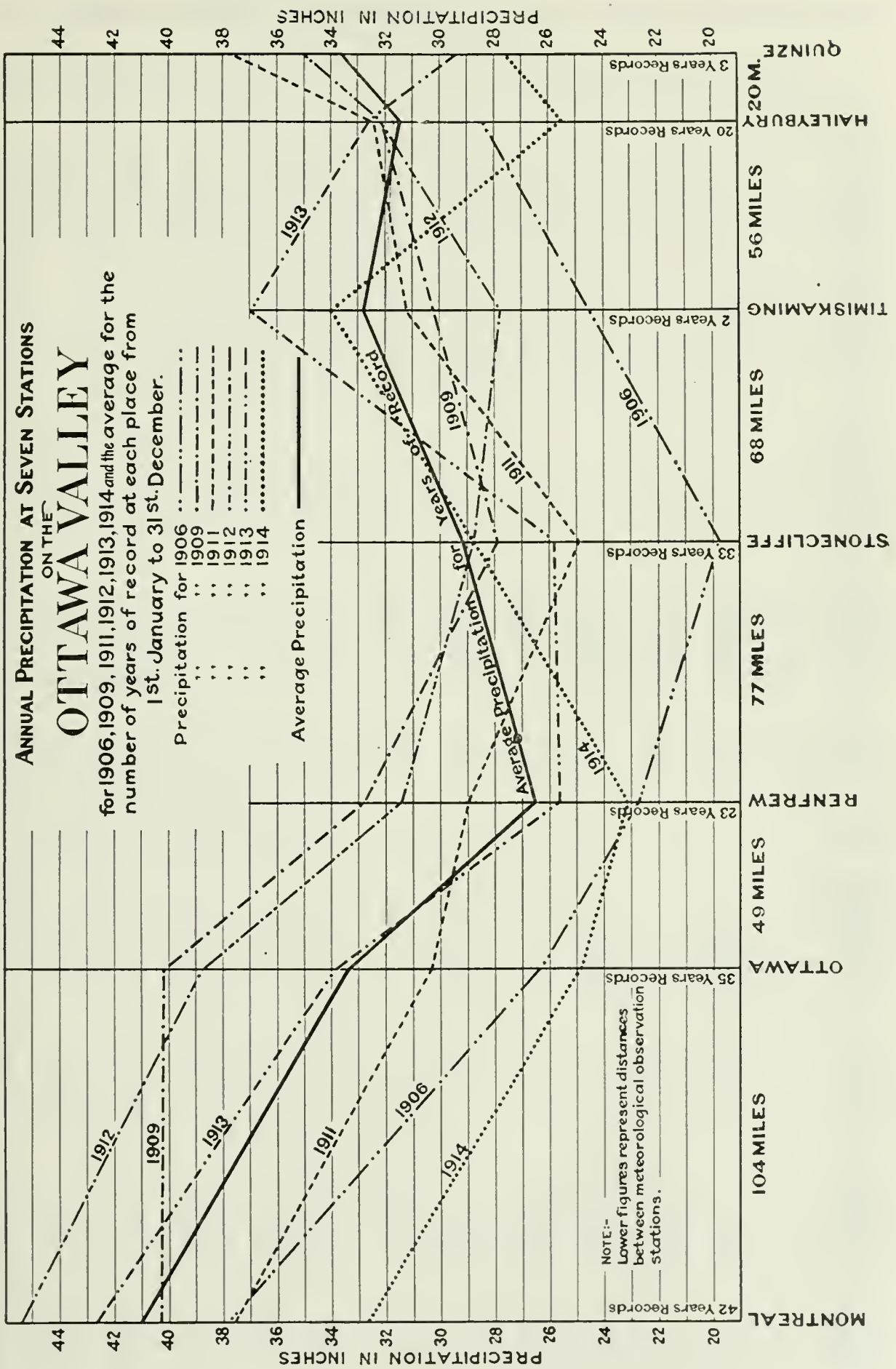
1910–11	3,500	50	460	0·32	.....	.....
1911–12	37,200	20	1,190	0·83	.....	.....
1912–13	27,400	60	2,920	2·03	.....	.....
1913–14	21,100	40	1,420	1·00	.....	.....
1914–15	17,800	40	1,090	0·76	.....	.....
The period	37,200	20	1,416	0·99	.....	.....

NUMBER OF DAYS OF DIFFERENT RUN-OFFS AND RELATION BETWEEN PRECIPITATION AND RUN-OFF OF THE OTTAWA RIVER AT BESSERER'S GROVE

DRAINAGE AREA = 45473 50 MILES

YEAR	RUN-OFFS IN CUBIC FEET PER SECOND									YEARLY MEAN RUN-OFF	PERCENTAGE OF PRECIPITATION REACHING RIVER	ANNUAL PRECIPITATION IN INCHES	REMARKS
	<0.25 DAYS	0.25 DAYS	0.50 DAYS	0.75 DAYS	1 DAYS	2 DAYS	3 DAYS	4 DAYS	5 DAYS				
1844			15	237	50	34	30			1.07 C.F.S			
1845		13	67	62	170	19	17	17		1.12 ..			
1846	15	85	109	50	43	63				78 ..			
1847													NO REPORTS
1848													-DO-
1849													-DO-
1850			117	71	126	30	21			.99 ..			
1851		23	108	82	63	57	32			1.08 ..			
1852		56	52	57	116	57	28			1.09 ..			
1853			135	89	88	53				.90 ..			
1854		31	111	83	89	33	18			.92 ..			
1855		42	108	37	113	35	30			1.00 ..			
1856		50	59	77	174	6				.78 ..			
1857			75	51	166	43	30			1.14 ..			
1858			48	95	149	73				1.07 ..			
1859		62	37	59	151	37	19			.99 ..			
1860			115	94	108	34	15			.95 ..			
1861		25	60	68	142	27	25	18		1.18 ..			
1862		3	117	95	100	25	25			.97 ..			
1863		50	123	48	104	40				.81 ..			
1864		41	92	51	117	34	16	15		1.06 ..			
1865		90	77	27	101	41	29			.96 ..			
1866		85	10	56	114	96	4			1.06 ..	41.4 %	40.8 INS.	TOTAL PRECIPITATIONS
1867			49	110	134	27	45			1.18 ..	64.6 ..	30.8 ..	FOR JANUARY 1866 AND
1868		156	90	40	49	31				.61 ..	68.1 ..	16.8 ..	AUGUST 1867 WERE
1869	8	92	2	73	122	41	20	7		1.02 ..	46.4 ..	37.6 ..	COMPUTED BY COMPARI-
1870		73	86	113	44	15	18	16		.93 ..	58.6 ..	26.4 ..	SON
1871		120	95	22	61	44	23			.85 ..	51.9 ..	28.7 ..	
1872	40	62	43	66	95	37	23			.92 ..	45.6 ..	30.9 ..	
1873		48	67	40	133	36	35	6		1.12 ..			
1874		112	85	67	43	16	42			.88 ..	56.8 ..	26.4 ..	
1875		91	57	110	64	20	19	4		.85 ..	55.8 ..	26.4 ..	
1876		47	68	115	46	26	34	17	13	1.27 ..	65.1 ..	31.8 ..	
1877		109	76	92	88					.61 ..	33.1 ..	29.2 ..	
1878		6	110	79	170					.78 ..	36.4 ..	43.4 ..	
1879		32	98	21	148	36	22	8		1.07 ..	58.9 ..	33.4 ..	
1880			126	77	89	32	31	11		1.12 ..	47.3 ..	38.2 ..	
1881	17	134	114	24	38	27	11			.65 ..	34.4 ..	33.8 ..	
1882			45	114	141	49	16			1.08 ..	43.1 .	41.7 ..	
1883			7	150	132	76				1.10 ..	50.9 ..	35.4 ..	
1884			66	77	163	38	22			1.08 ..	65.6 ..	29.8 ..	
1885			85	110	87	43	40			1.15 ..	56.2 ..	32.8 ..	
1886			65	154	92	28	14	12		1.06 ..	51.3 ..	32.5 ..	
1887		133	108	20	44	34	20	6		.82 ..	51.2 ..	27.5 ..	
1888	18	72	90	61	60	29	31	5		.94 ..	55.6 ..	26.5 ..	
1889		17	133	65	80	62	8			.95 ..	55.0 .	29.1 ..	
1890			38	122	109	44	52			1.27 ..	81.1 ..	25.7 ..	
1891		55	58	38	156	30	28			1.02 ..	53.7 ..	32.2 ..	
1892		4	70	121	171					.81 ..	45.8 ..	31.8 ..	
1893		48	107	76	69	21	30	14		1.04 ..	49.3 ..	36.6 ..	
1894		70	54	61	106	49	25			1.01 ..	52.4 ..	32.3 ..	
1895		70	121	70	38	55	11			.85 ..	48.8 ..	30.2 ..	
1896		9	87	70	136	35	21	8		1.09 ..	52.7 ..	32.4 ..	
1897			73	117	110	29	36			1.10 ..	62.9 ..	31.2 ..	
1898		20	54	81	142	68				1.02 ..	52.3 ..	32.8 ..	
1899			115	90	85	32	30	13		1.14 ..	58.9 ..	32.6 ..	
1900		13	47	71	182	48	5			1.02 ..	51.1 ..	32.8 ..	
1901		60	154	44	32	52	23			.90 ..	47.7 ..	32.8 ..	
1902			28	108	135	94				1.15 ..	52.0 ..	36.0 ..	
1903		7	43	115	128	72				1.05 ..	59.6 ..	29.1 ..	
1904		82	33	64	97	38	43	9		1.16 ..	58.4 ..	33.3 ..	
1905		57	114	61	104	29				76 ..	44.4 ..	29.9 ..	
1906		93	107	41	68	56				.79 ..	51.2 ..	27.4 ..	
1907		80	25	150	51	51	8			.88 ..	51.4 ..	30.4 ..	
1908		118	58	64	52	30	27	17		1.00 ..	55.8 ..	29.5 ..	
1909			87	54	132	49	18	19	6	1.30 ..	62.5 ..	32.1 ..	
1910			135	115	65	50				.87 ..	53.4 ..	26.6 ..	
1911	15	120	74	56	46	42	12			.76 ..	41.1 ..	30.9 ..	
1912			125	61	106	55	19			1.04 ..	51.7 ..	32.8 ..	
1913			84	117	93	58	13			1.26 ..	55.0 ..	30.7 ..	
1914		150	98	28	79	10				.72 ..	36.0 ..	26.9 ..	
AVERAGE	1.7	44 3	79.3	77 8	101.3	39.4	17.9	3.3	0.3	0.984 ..	52.5 ..	31.2 ..	RUN-OFFS BELOW 0 25 C F S BEING IN ALL CASES SLIGHTLY DIFFERENT FROM 0 25 C F S WERE CONSIDERED IN AVERAGING AS 0 25 C F S
MAXIMUM	40	156	154	237	182	96	52	19	13	1.30 ..	81.1 .	43.4 ..	
MINIMUM	8	3	7	20	32	10	4	4	6	0.61 ..	33.1 ..	16.8 ..	

SESSIONAL PAPER No. 19a



MEAN MONTHLY PRECIPITATION.—Precipitation at stations in drainage basin of Ottawa River.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1882–83.												
Stonecliffe	1·72	2·63	4·28	3·85	3·53	5·96	1·93	2·12	0·00	0·02	0·72	0·00
Pembroke	1·61	4·66	4·95	6·86	4·82	6·45	2·21	3·56	0·04	0·00	1·07	0·12
Clontarf	.....	.....	2·91	2·61	3·58	3·43	1·49	1·34	0·04	0·88	1·73	0·00
Renfrew	.....	.....	.....	.....	2·24	3·90	1·15	1·15	0·00	.....	0·43	0·00
Merrickville	.....	2·04	3·79	0·67	3·40	0·25	0·15	.....	0·02	0·34	0·52	0·25
L'Orignal	.....	.....	.....	4·05	3·63	3·69	2·06	1·46	0·35	.....	.....	.....
Montreal	1·58	1·50	4·74	6·04	2·52	3·63	1·34	1·39	0·04	0·34	0·51	0·04
1883–84.												
Stonecliffe	0·72	2·96	6·07	2·04	4·11	4·20	3·81	1·67	0·08	.....	.....	.....
Pembroke	1·68	8·20	8·90	3·22	3·60	8·13	6·03	4·43	.....	.....	.....	.....
Clontarf	0·87	4·28	5·17	2·21	1·24	4·21	2·18	2·19	1·00	.....	.....	.....
Renfrew	1·33	3·97	5·48	1·43	1·71	3·52	1·70	1·19	.....	.....	.....	.....
Merrickville	2·97	6·30	2·63	2·45	1·10	2·52	1·55	1·70	0·62	.....	.....	.....
Ottawa	0·90	5·10	3·22	1·33	'·45	2·32	2·35	1·62	0·07	.....	.....	.....
L'Orignal	0·54	4·41	3·05	2·63	1·83	2·87	2·46	2·17	0·66	.....	.....	.....
Montreal	0·84	6·94	3·45	4·72	1·60	3·57	2·49	2·05	1·03	.....	.....	.....
1884–85.												
Stonecliffe	.....	.....	.....	.....	.....	.....	.....	.....	.....	0·30	0·00	.....
Pembroke	.....	.....	.....	.....	.....	.....	.....	.....	.....	0·40	0·00	0·00
Clontarf	.....	.....	.....	.....	.....	.....	.....	.....	.....	0·29	0·00	0·00
Renfrew	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0·00	0·00
Merrickville	.....	.....	.....	.....	.....	.....	.....	.....	.....	0·68	1·00	0·38
Ottawa	.....	.....	.....	.....	.....	.....	.....	.....	.....	0·19	0·00	.....
L'Orignal	.....	.....	.....	.....	.....	.....	.....	.....	.....	2·00	0·00	0·00
Montreal	.....	.....	.....	.....	.....	.....	.....	.....	.....	1·11	0·50	0·36
1885–86.												
Stonecliffe	0·97	2·38	2·11	4·54	1·76	3·04	1·01	1·92	0·29	2·07	1·44	0·85
Pembroke	0·70	2·24	2·20	3·10	2·05	2·55	2·25	9·10	2·80	2·00	0·90	1·60
Clontarf	0·31	1·42	4·28	2·63	2·27	2·83	2·30	1·04	0·24	1·00	0·58	3·80
Renfrew	0·84	2·49	2·84	1·97	2·22	2·42	2·68	1·10	.....	1·48	1·01	0·92
Merrickville	1·06	1·93	4·75	3·56	1·55	5·71	.....	.....	.....	.....	.....	.....
Ottawa	3·32	1·53	2·62	1·84	1·91	3·18	3·19	2·49	0·50	0·89	0·31	2·12
Montreal	1·16	1·66	3·61	2·85	2·46	4·16	7·17	2·27	1·38	1·95	0·70	0·80
1886–87.												
Stonecliffe	1·11	0·94	4·07	2·80	5·35	3·42	2·12	1·48	0·03	0·00	0·37	0·00
Pembroke	1·15	0·63	3·00	4·40	3·30	2·05	1·90	2·00	0·00	2·50	0·70	0·00
Clontarf	0·69	0·85	4·67	3·38	3·52	1·86	2·19	1·49	0 04	1·13	0·53	.....
										North-cote.		
Renfrew	1·07	0·80	3·57	3·79	2·32	1·58	1·39	1·07	0·00	0·72	0·14	0·10
Ottawa	0·75	1·74	3·11	6·77	3·47	3·99	1·79	0·35	0·00	0·25	0·00	0·00
Montreal	0·47	2·72	2 92	3·71	4·79	3·85	1·79	2·22	0·96	1·41	0·79	0·11.
1887–88.												
Mattawa	1·70	0·29	3·31	3·00	2·03	1·25	0·71	.....	.....	.....	.....	.....
Stonecliffe	1·77	1·17	1·93	1·32	1·50	0·70	1·08	0·24	0·51	0·00	0·05	0·95
Pembroke	5·21	1·60	0·71	1·59	0·06	0·22	0·15	0·50	0·50	.....	.....	.....
Clontarf	2·43	1·81	2·69	2·00	1·47	0·52	1·91	0·78	0·84	0·04	1·20	0·82
(Renfrew) Northcote	1·22	1·53	2·93	1·50	0·87	0·73	1·18	0·05	0·97	Renf'w.	0·00	0·00
Ottawa	2·88	0·39	2·45	0·94	4·38	0·74	4·67	1·09	1·74	0·00	0·00	0·35
Montreal	3·02	1·26	2·44	2·66	1·72	1·32	2·93	1·76	1·93	0·08	0·55	1·17
1888–89.												
Mattawa	.....	1·51	1·03	0·59	3·52	2·65	1·70	.....	.....	.....	.....	.....
Stonecliffe	0·56	1·89	1·35	1·67	3·99	2·87	2·24	1·09	0·06	0·10	0·00	0·00
Clontarf	1·20	1·07	1·95	1·05	3·79	2·83	2·39	3·42	0·57	0·49	0·31	0·00
Renfrew	1·02	1·34	2·08	0·42	4·07	0·99	2·45	.....	0·82	0·00	0·60	0·00
Merrickville	.....	.....	.....	.....	.....	.....	.....	.....	.....	1·30	0·15	0·00
Ottawa	2·36	1·26	2·45	0·92	5·78	3·28	2 30	3·88	1·76	1·59	0·02	0·00
Montreal	0·80	1·97	3·12	1·32	7·89	3·69	3·82	5·10	1·57	1·88	0·30	0·62
1889–90.												
Mattawa	.....	.....	3·56	3·11	.....	2·64	1·66	0·35	0·00	.....	.....	.....
Stonecliffe	1·24	2·92	4·03	4·16	2·52	2·78	1·24	2·26	1·42	0·10	0·42	0·24
Clontarf	0·89	3·39	4·15	2·84	3·40	2·07	1·70	2·58	0·96	1·17	1·77	0·40
Renfrew	1·57	4·93	3·23	3·69	3·67	2·14	1·41	2·02	0·00	0·18	0·00	0·00
Merrickville	1·70	3·07	3·60	2·75	1·20	2·00	2·75	2·05	2·60	1·53	2·06	0·70
Ottawa	1·64	2·82	2·82	4·16	1·27	2·01	1·57	2·09	0·24	1·75	1·90	0·74
Montreal	2·14	2·97	4·73	7·16	2·73	4·62	3·34	1·68	3·19	1·64	2·85	0·48
1890–91.												
Mattawa	.....	.....	3·66	3·11	1·42	1·66	2·64	0·35	0·00	1·90	0·50	.....
Stonecliffe	2·28	1·75	3·57	3·89	2·34	0·91	1·46	0·20	0·07	3·22	1·78	5·01
Clontarf	1·77	4·19	2·89	2·16	6·04	1·77	1·10	1·04	0·10	3·92	1·93	.....
Renfrew	0·64	1·30	2·98	3·02	4·66	1·55	1·38	1·44	0·00	2·74	1·10	3·96
Merrickville	1·70	2·65	3·53	2·60	3·00	.....	.....	.....	.....	.....	.....	.....
Ottawa	1·81	2·14	2·33	2·95	5·08	1·84	2·14	2·36	0·21	2·94	3·59	3·79
Montreal	1·80	4·85	2·72	2·78	8·08	3·57	2·69	2·46	0·05	3·30	3·14	3·92

MEAN MONTHLY PRECIPITATION.—Precipitation at stations in drainage basin of Ottawa River—*Continued.*

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1891–92.												
Mattawa	.....	1·00	0·77	4·16	4·54	1·95	1·07	2·77	5·55	2·88	1·48	.....
Stonecliff	3·08	1·40	1·06	4·99	3·33	2·06	2·80	3·95	1·49	2·59	1·56	0·75
Clontarf	1·38	0·72	3·62	3·70	4·13	2·74	2·28	.....	1·72	1·45	2·30	3·80
Renfrew	1·33	0·62	1·80	3·37	3·53	1·81	1·63	1·76	2·29	1·35	0·95	0·05
Ottawa	2·81	0·51	3·05	8·98	3·92	1·37	2·32	2·25	2·37	3·32	2·50	2·52
Montreal	3·26	1·71	2·75	4·80	3·70	1·03	2·53	3·06	3·34	4·59	3·27	3·84
1892–93.												
Mattawa	.....	0·98	3·60	0·75	3·18	4·53	1·64	2·27	2·51	3·62	1·71	1·28
Stonecliff	.....	0·94	5·77	1·94	3·01	4·98	1·49	2·55	2·32	2·10	1·24	1·46
Clontarf	.....	2·30	.....	2·09	5·88	2·97	1·42	3·52	1·50	2·80	3·32	1·53
Renfrew	.....	.....	2·26	1·24	.....	.....	.....	.....	.....	0·72	0·93	0·81
Ottawa	.....	1·70	6·19	2·82	4·21	2·06	1·46	3·51	1·88	.....	3·12	1·29
Montreal	.....	2·20	8·01	2·95	5·24	2·92	1·57	3·70	2·00	2·49	2·81	1·97
1893–1894.												
Haileybury	.....	.....	.....	.....	.....	.....	.....	.....	3·37	6·68	1·33	3·39
Rutherglen	.....	.....	3·35	4·43	2·21	4·04	2·44	2·31	2·81	4·05	.....	2·96
Mattawa	2·25	40·1	4·29	.....	2·64	3·26	1·57	1·68	3·50	3·88	1·35	1·32
Stonecliff	2·50	5·84	5·25	2·09	2·74	3·42	2·82	1·80	3·01	3·40	0·70	1·90
Clontarf	2·69	6·48	4·07	5·23	4·59	1·72	2·68	1·93	5·15	4·36	0·92	1·56
Renfrew	2·73	5·11	1·11	4·42	4·90	1·53	1·81	0·40	1·00	1·40	.....	0·26
Ottawa	2·97	4·69	4·40	5·67	8·04	3·24	1·18	1·93	4·91	3·85	0·68	1·65
Montreal	2·18	3·36	4·99	4·59	7·37	2·40	2·18	1·97	4·60	28·1	1·05	2·19
1894–95.												
Haileybury	1·24	4·40	2·59	2·53	2·08	3·08	4·48	2·65	2·26	2·84	1·00	0·54
Mattawa	.....	.....	2·61	0·69	0·75	3·98	1·79	0·98	1·45	2·90	1·45	0·30
Stonecliff	0·78	3·21	3·92	2·18	1·30	3·23	4·44	1·82	2·94	3·20	0·82	0·66
Clontarf	1·03	4·33	7·36	2·33	2·01	2·96	5·34	2·11	2·12	2·75	1·70	1·75
Renfrew	1·17	1·53	3·47	1·66	0·66	0·96	2·75	1·00	0·90	0·35	.....	0·42
Ottawa	0·77	3·46	5·36	3·57	1·46	2·01	3·60	2·35	1·98	3·85	1·95	0·89
Montreal	0·71	3·73	4·02	2·82	1·80	2·73	4·03	2·10	2·79	3·76	2·47	1·01
1895–96.												
Haileybury	1·78	2·85	3·52	2·93	3·22	2·48	1·46	0·93	2·57	2·13	1·85	1·37
Rutherglen	.....	.....	.....	.....	.....	.....	.....	3·57	3·69	1·93	1·00	1·10
Mattawa	.....	.....	.....	.....	.....	0·45	0·16	1·92	2·20	2·35	1·10	1·55
Stonecliff	1·23	3·90	2·87	2·21	1·96	3·02	1·13	3·60	3·20	1·50	1·94	1·11
Clontarf	1·41	4·29	1·45	1·89	4·04	4·19	1·51	2·30	3·34	2·70	6·10	3·22
Renfrew	1·35	2·55	1·14	0·97	1·22	1·52	0·38	1·20	.....	0·50	.....	.....
Ottawa	2·58	3·54	5·65	3·13	3·23	1·68	0·41	2·46	3·04	0·23	4·03	3·37
Montreal	3·76	3·31	3·74	2·38	6·92	3·40	0·72	5·07	3·33	2·08	3·34	6·73
1896–97.												
Haileybury	1·63	4·27	1·18	4·34	4·45	4·72	0·79	4·35	0·88	1·69	2·35	2·86
Rutherglen	2·05	2·51	3·25	1·87	4·60	4·94	3·01	3·48	0·90	2·43	1·84	2·39
Mattawa	1·00	0·63	2·94	3·99	4·05	4·56	2·80	4·22	0·30	0·60	2·80	1·26
Stonecliff	2·05	2·11	2·40	5·63	4·07	4·74	1·92	3·85	0·75	2·20	1·70	3·70
Clontarf	1·60	0·51	4·96	2·85	4·71	4·19	1·39	2·10	0·73	2·13	1·20	5·46
Renfrew	0·15	1·41	4·94	.....	3·77	1·08	4·50	.....	0·32	1·45	0·50	2·15
Ottawa	0·84	2·26	3·34	3·04	3·91	3·42	1·24	2·32	1·25	1·93	1·92	4·37
Montreal	1·18	2·74	4·06	4·84	5·35	3·11	2·48	4·20	1·12	3·03	2·13	4·05

MEAN MONTHLY PRECIPITATION.—Precipitation at stations in drainage basin of Ottawa River.—*Continued.*

——	April	May.	June.	July.	Aug.	Sept	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Annual.
1897–1898.													
Haileybury	2·04	3·64	3·08	3·13	2·65	1·95	5·14	2·87	3·28	1·31	3·26	2·01	34·36
Rutherglen	2·96	3·13	3·56	4·10	3·91	0·89	4·05	2·22	3·91	2·90	2·55	2·74	36·92
Stonecliff	4·09	3·49	3·98	3·09	3·11	0·55	1·86	2·30	4·43	1·81	1·66	2·91	33·28
Clontarf	2·46	2·95	2·25	3·99	2·91	0·53	1·57	7·04	2·82	3·00	2·95	0·83	33·30
Renfrew	2·38	1·25	1·86	3·06	0·54	0·50	0·89	3·36	1·50	2·00	1·80	0·62	19·76
Ottawa	1·82	3·31	3·03	5·21	3·40	0·45	0·69	2·77	4·13	4·30	4·33	2·13	35·57
Montreal	3·27	3·74	3·76	4·42	1·95	1·15	0·65	5·03	5·94	6·18	5·65	2·64	44·38
1898–1899.													
Haileybury	0·56	3·86	5·55	2·16	4·38	3·64	4·11	1·13	2·34	2·24	0·84	4·43	35·24
Rutherglen	0·55	2·91	4·38	0·93	5·23	3·17	3·66	1·74	1·30	2·29	0·66	6·56	33·38
Stonecliff	0·53	2·83	4·59	1·50	4·84	2·94	5·05	1·42	2·50	1·97	0·74	3·20	32·11
Clontarf	1·29	3·34	2·79	1·14	3·99	3·99	3·53	1·77	4·25	2·92	1·34	3·43	33·78
Renfrew	0·57	2·51	2·87	2·15	2·08	4·09	4·91	0·80	1·75	1·00	0·70		
Ottawa	0·75	2·46	2·24	2·87	3·22	3·48	5·68	1·43	3·13	2·16	0·87	5·68	33·97
Montreal	1·16	2·62	5·57	2·11	2·56	6·08	4·57	2·15	3·20	4·62	1·63	8·53	44·80
1899–1900.													
Haileybury	0·98	4·08	4·44	2·80	1·14	3·20	1·16	0·43	3·44	1·68	2·58	2·74	28·67
Rutherglen		2·59	2·37	8·50	0·43	3·85	2·31	1·57	2·15	1·15	3·05	1·95	
Stonecliff	0·60	3·17	2·97	4·91	0·16	5·56	1·94	1·65	3·05	1·65	2·99	1·38	30·06
Clontarf	1·52	3·54	3·63	3·29	0·21	3·87	2·09	0·58	2·89	1·68	4·18	3·12	30·60
Renfrew	0·73	3·82	2·94		0·36	2·43	3·55						
Ottawa	1·03	5·50	2·37	7·62	0·44	4·93	2·47	1·74	3·24	2·74	2·60	3·70	38·38
Montreal	1·63	1·59	2·46	7·72	2·52	5·08	3·39	1·84	4·84	5·82	6·35	5·30	48·54
1900–1901.													
Haileybury	1·07	1·44	2·81	8·21	2·46	7·44	2·86	2·50	1·93	2·36	0·54	2·70	36·32
Rutherglen	0·77	2·49	3·49	3·73	3·03	5·20	1·76	2·04	2·34	2·27	0·45	2·90	30·47
Stonecliff	1·33	2·17	3·33	4·22	4·28	4·32	1·58	2·30	1·62	1·83	0·21	1·98	29·17
Clontarf	1·68	4·05	3·72	2·80	3·03	3·28	1·12	2·31	2·58	2·73	1·50	3·13	31·93
Renfrew													
Ottawa	0·76	3·09	3·21	5·99	2·72	3·56	1·45	3·50	1·60	3·31	0·80	2·20	32·10
Montreal	1·46	3·11	4·37	7·41	3·14	3·62	2·03	7·65	2·76	2·98	2·01	7·32	47·86
1901–02.													
Haileybury	1·39	2·20	1·92	5·10	2·36	0·97	5·20	2·62	2·92	2·51	1·22	2·68	30·60
Rutherglen	1·22	2·76	2·21	2·81	3·99	1·70	3·50	2·55	2·78	2·12	1·96	2·76	30·36
Stonecliff	1·60	3·06	2·00	2·15	4·79	2·38	2·02	2·68	2·06	0·96	0·89	3·18	27·77
Clontarf	3·69	4·27	2·76	5·50	5·30	3·85	0·79	5·05	3·39	4·20	2·88	2·68	44·36
Renfrew													
Ottawa	2·99	3·91	3·76	3·18	3·23	1·91	1·45	2·25	4·32	3·90	2·83	3·47	37·20
Montreal	4·19	2·53	1·97	5·27	5·44	3·95	3·60	4·07	4·68	3·02	3·39	6·61	48·72
1902–1903.													
Haileybury	2·36	3·19	4·63	1·54	2·19	2·91	3·58	3·76	2·05	1·75	3·94	2·03	33·93
Rutherglen	1·37	2·78	2·71	4·67	2·18	4·92	3·95	2·92	2·23	2·08	3·31	2·67	35·79
Stonecliff	1·25	2·83	2·90	5·19	2·96	4·44	4·54	1·68	2·02	1·34	3·44	1·11	33·80
Clontarf	2·87	2·25	4·50	6·13	2·85	3·20	4·07	2·35	2·30	2·01	3·76	1·51	37·80
Renfrew				3·00	2·12	4·45	3·38	1·95	1·60	1·29	2·07	1·06	
Ottawa	2·74	1·82	4·29	5·98	1·67	1·23	3·31	1·46	3·26	2·82	4·25	1·35	34·18
Montreal	2·89	3·80	5·71	3·14	4·41	2·91	2·67	3·07	4·34	4·08	5·28	3·50	45·80
1903–1904													
Haileybury	1·10	2·56	3·95	2·02	2·64	3·60	1·40	0·60	2·21	1·89	1·82	6·26	30·05
Rutherglen	0·71	2·89	3·56	5·70	3·51	4·97	1·95	1·56	3·78	1·41	1·32	2·19	33·58
Stonecliff	1·12	1·99	3·98	4·17	4·00	2·70	1·43	0·71	2·91	1·80	1·12	3·56	29·49
Clontarf	1·16	0·99	4·96	3·41	2·37	1·73	1·51	0·92	2·73	4·03	1·98	2·42	28·21
Renfrew	0·65	0·56	6·71	4·26	1·81	1·83	1·37	0·51	1·65	2·21	1·34	1·34	24·27
Ottawa	0·95	0·42	6·55	3·24	4·00	2·14	3·51	0·69	1·98	3·82	3·20	4·66	34·86
Montreal	2·22	0·11	4·76	2·87	3·17	1·27	3·70	1·47	4·33	3·65	2·51	4·01	34·07
1904–1905.													
Haileybury	4·38	4·73	4·15	3·52	2·16	6·06	2·74			1·82			
Rutherglen	3·04	3·08	2·49	1·45	3·80	7·17	2·77	2·12	2·43	2·67	2·75	0·70	34·47
Stonecliff	2·96	3·13	4·08	3·07	4·88	5·90	2·68	1·83	1·04	2·36	1·83	1·38	35·14
Clontarf	3·46	4·24	3·41	3·70	4·78	5·70	1·92	1·57	1·18	1·48	1·50	1·85	34·79
Renfrew	3·07	2·80	3·21	3·42	4·40	5·93	1·43	0·73		3·25	1·55	0·68	
Ottawa	3·77	3·16	2·51	3·71	2·91	5·09	1·46	0·91	1·89	3·29	1·48	1·20	31·32
Montreal	3·81	4·80	2·81	2·95	5·26	6·65	3·21	1·22	3·36	4·43	3·89	2·15	44·54
1905–06.													
Haileybury						3·62	2·22	2·17	1·79	3·43	2·38	2·83	
Rutherglen	0·99	4·05	5·01			3·15	3·56	1·63	1·86	2·97	1·68	1·52	
Stonecliff	2·01	4·15	3·90	3·64	2·02	4·58	2·73	1·80	1·82	1·23	1·58	0·50	29·96
Clontarf	0·74	3·35	4·27	4·88	5·80	6·55	2·63	2·26	1·52		1·51	0·72	34·23
Renfrew	0·75	3·04			0·43	3·75	2·10	1·68	2·98	1·59	1·14	0·90	
Ottawa	0·95	1·66	4·23	4·10	3·10	2·35	2·40	1·60	2·33	1·25	2·58	2·15	28·70
Montreal	1·34	2·45	3·18	4·01	2·21	3·57	3·26	3·50	3·71	2·77	2·30	3·12	35·42

Mean Monthly Precipitation.—Precipitation at stations in drainage basin of Ottawa River—*Continued.*

—	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Annual.
1906–1907.													
Haileybury	0·85	1·75	3·67	2·15	2·87	1·45	3·02	2·13	1·89	1·42	0·95	1·74	23·89
Rutherglen	0·70	3·30	2·58	2·91	3·37	2·23	2·74	.....	.....	0·60	0·35	0·80	.....
Stonecliff	0·34	2·44	2·54	0·72	1·81	2·21	3·09	1·55	1·75	1·24	2·08	1·92	21·69
Clontarf	.....	1·95	5·41	0·63	2·72	1·85	3·91	1·38	1·18	2·69	0·83	2·07	24·62
Renfrew	1·88	1·73	1·91	2·27	....	1·43	3·44	2·56	2·51	1·90	1·55	1·27	.....
Ottawa	0·87	1·60	4·90	1·72	1·60	2·37	3·36	1·48	2·59	1·89	1·37	2·15	25·90
Montreal	1·90	2·37	5·49	2·37	1·45	3·32	3·85	2·87	5·93	3·35	2·80	4·02	39·72
1907–1908.													
Haileybury	1·05	3·88	3·13	4·63	1·85	6·16	2·60	1·49	2·91	1·29	2·40	.....	.....
Rutherglen	1·40	2·97	2·58	4·72	1·78	2·36	2·23	1·66	1·25	1·60	2·00	0·35	24·90
Stonecliff	1·43	2·73	2·90	4·74	1·15	3·60	1·68	3·45	1·70	1·89	2·75	0·95	28·97
Clontarf	1·62	3·18	1·42	.....	1·04	4·26	4·04	6·24	0·52	1·40	1·20	4·24	29·16
Renfrew	3·65	0·90	1·30	3·78	0·71	4·41	2·41	3·74	2·75	2·25	2·03	2·67	30·60
Ottawa	2·85	1·43	2·47	3·23	0·70	3·99	3·05	4·28	4·75	2·40	4·33	3·72	37·11
Montreal	3·97	1·93	3·50	3·30	1·23	4·15	3·52	3·96	5·08	4·71	6·22	3·75	45·32
1908–1909.													
Haileybury	2·30	3·84	0·72	4·63	1·86	1·90	1·98	3·05	2·99	2·29	3·23	2·99	31·78
Rutherglen	1·17	4·09	0·76	1·96	1·92	1·95	0·65	2·37	1·85	0·67	2·33	1·95	21·67
Stonecliff	1·23	4·02	0·88	2·86	1·42	2·15	1·14	1·99	2·98	1·33	1·24	0·95	22·19
Renfrew	1·61	5·62	1·71	2·06	1·68	1·40	1·80	2·56	4·80	3·14	3·28	3·69	33·35
Ottawa	1·72	5·34	1·26	2·63	1·43	1·18	2·40	2·64	3·93	3·36	3·07	3·62	32·58
Montreal	2·78	5·61	0·90	4·39	2·83	1·80	1·49	...	5·35	4·58	4·06	3·95	.....
1909–1910.													
Haileybury	2·82	2·84	1·77	4·89	1·70	4·05	2·31	1·81	2·55	1·96	1·60	0·78	29·08
Rutherglen	1·20	2·44	1·55	5·97	2·40	2·47	1·05	2·19	1·80	2·10	1·75	0·25	25·17
Stonecliff	1·71	3·04	0·74	6·81	2·90	1·79	1·71	2·51	3·20	1·19	0·71	0·78	27·09
Renfrew	3·37	3·85	1·02	4·69	1·53	2·60	1·16	2·50	1·99	3·52	1·61	2·12	29·96
Ottawa	3·86	5·97	2·37	5·06	3·06	3·06	1·13	3·86	1·80	3·09	1·74	1·59	36·59
Montreal	3·03	5·93	1·63	3·65	2·24	4·96	0·89	4·06	1·39	3·95	4·65	1·54	37·92
1910–1911.													
Haileybury	2·34	3·77	1·93	3·17	2·91	2·07	3·36	2·26	1·54	1·20	2·61	1·28	28·44
Timiskaming	1·35	4·44	3·01	1·37	8·76	2·46	3·20	1·96	1·25	1·52	2·20	1·52	33·04
Rutherglen	0·92	2·25	2·16	2·04	6·27	2·21	3·08	1·70	0·30	0·80	2·15	1·50	25·38
Stonecliff	.....	.....	1·50	.....	3·21	0·72	3·08	1·77	0·62	0·67	1·84	1·20	.....
Renfrew	2·01	2·60	1·43	1·87	5·33	...	4·06	1·20	0·95	1·67	2·93	2·29	.....
Ottawa	2·06	1·82	1·06	2·38	4·32	2·06	3·65	1·72	1·80	1·82	2·70	2·46	27·85
Montreal	2·70	3·72	3·31	3·04	5·89	3·33	4·79	2·39	2·55	2·45	2·92	3·92	41·07
1911–1912.													
Quinze dam	3·03	1·70	3·98	3·90	3·80	3·85	3·38	4·90	3·15	1·55	2·85	0·59	36·68
Haileybury	1·09	2·01	3·79	3·08	3·98	2·37	3·54	4·64	2·73	1·98	2·14	0·58	31·93
Kipawa	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2·02	0·60	.....
Timiskaming	1·75	2·50	*3·87	3·10	3·63	1·61	3·22	3·88	2·31	1·80	1·38	0·58	29·63
Rutherglen	0·70	3·11	1·98	1·53	1·58	2·59	3·58	3·41	0·66	2·90	1·75	1·10	24·89
Stonecliff	1·52	2·81	4·20	1·74	2·79	2·60	3·01	2·11	1·35	2·63	3·30	0·58	28·64
Renfrew	1·69	2·79	3·45	1·41	3·38	2·46	1·85	3·00	1·41	3·02	2·05	1·62	28·04
Ottawa	1·47	2·80	3·64	2·79	1·47	2·98	2·10	2·95	2·68	2·61	3·04	1·42	29·95
Montreal	1·23	2·61	4·37	2·17	3·73	4·27	2·30	3·26	4·38	2·88	4·29	1·98	37·47
1912–1913.													
Quinze dam	1·10	4·71	2·85	4·18	4·62	3·99	3·67	1·90	3·01	2·65	...	1·26	.....
Haileybury	1·35	4·43	2·50	3·37	5·04	4·59	3·03	1·41	1·75	2·51	1·38	2·92	34·28
Kipawa	1·91	4·25	2·07	...	6·06	...	2·39	1·43	2·42	2·64	1·61	1·96	.....
Timiskaming	1·97	4·08	2·50	1·54	2·59	3·87	2·67	1·28	3·51	3·66	1·76	2·68	32·11
Rutherglen	1·31	6·39	...	5·32	3·96	4·16	2·19	2·09	2·80	2·49	...	1·68	.....
Stonecliff	3·10	4·45	2·05	2·02	...	...	2·67	2·12	1·03	...	0·30	0·83	.....
Renfrew	1·52	5·78	1·13	2·28	3·91	2·09	3·20	3·51	1·29	4·04	2·32	3·81	34·88
Ottawa	2·80	5·15	1·35	3·89	4·94	4·01	2·47	4·89	2·17	4·54	2·35	4·62	43·18
Bark lake	.....	.....	.....	.....	.....	.....	.....	1·37	4·78	3·34	1·27	3·26	.....
Montreal	3·19	5·95	1·65	2·32	3·93	6·42	3·39	6·31	2·91	5·08	2·79	6·42	50·36
1913–1914.													
Quinze dam	2·72	1·42	1·92	3·93	3·84	1·68	4·51	3·19	1·51	1·70	2·31	1·40	30·13
Haileybury	2·23	1·22	1·59	3·97	5·09	2·13	4·29	3·01	2·32	2·43	2·28	1·96	32·52
Kipawa	2·05	1·75	1·51	3·16	3·29	2·26	5·31	3·10	1·69	2·20	1·78	1·54	29·67
Timiskaming	1·47	3·09	1·88	2·88	5·68	2·94	5·39	3·52	1·87	1·78	3·21	2·29	36·00
Rutherglen	2·00	3·32	0·74	1·73	4·31	2·10	4·20	2·00	1·20	1·40	1·90	1·33	26·23
Stonecliff	*1·35	2·04	0·86	2·31	3·46	2·80	3·00	3·64	1·36	3·18	2·45	0·69	27·14
Renfrew	1·24	1·56	0·41	0·68	1·32	3·71	2·48	2 27	1·79	2·97	0·94	2·25	21·62
Ottawa	1·95	2·39	0·82	2·30	3·13	2·69	4·08	2·68	2·28	3·68	1·10	1·36	28·46
Bark lake	1·53	1·86	1·42	3·15	†3·13	2·50	3·75	3·79	1·35	3·62	1·67	1·90	29·07
Montreal	2·50	3·84	1·53	2·42	2·54	4·28	5·45	2·44	3·33	4·27	1·63	3·10	37·33

* Timiskaming figures for June estimated.
* 50% Timiskaming precipitation and 50% Renfrew calculated for Stonecliff, April, 1913.
† Bark lake records incomplete for August, 1915; Ottawa figures used.

Mean Monthly Precipitation.—Precipitation at stations in drainage basin of Ottawa River—*Concluded.*

—	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Annual.
1914-1915.													
Quinze dam	2·23	0·86	2·08	2·37	2·13	4·56	3·02	3·33	1·70	1·92	1·20	0·60	26·00
Haileybury	2·63	0·75	1·76	1·48	1·55	3·78	2·87	2·04	1·95	1·85	1·11	0·51	22·28
Kipawa	2·04	1·30	2·13	1·69	1·05	3·99	2·57	2·70	1·51	2·11	1·34	0·60	23·03
Timiskaming	3·86	2·79	4·00	1·49	2·75	3·07	3·22	3·29	2·32	2·89	1·85	0·04	31·57
Rutherglen	2·66	1·44	2·54	0·93	2·86	1·70	2·13	2·41	1·00	1·50	3·49	0·25	22·91
Stonecliff	2·33	1·13	3·25	1·52	2·45	2·79	2·49	4·35	2·18	2·36	0·89	0·01	25·75
Renfrew	2·16	0·37	2·73	1·42	1·80	2·50	2·94	2·27	0·86	1·82	1·85	0·35	21·07
Ottawa	2·47	0·41	2·20	1·41	2·38	2·09	1·88	3·50	2·46	3·12	2·21	0·67	24·80
Bark lake	1·63	0·68	2·92	2·02	1·68	3·06	2·59	2·65	2·49	1·97	2·20	0·27	24·16
Montreal	1·53	1·42	2·90	0·96	4·81	2·56	2·39	4·23	2·99	3·49	4·51	0·90	32·69

Mean Monthly Temperature—Temperature at stations in drainage basin of the Ottawa River.

	April	May	June	July	Aug	Sept.	Oct.	Nov	Dec.	Jan.	Feb.	Mar.
1895.												
Haileybury	.....	.....	.....	.....	.....	.....	.....	.....	.....	3·4	9·8	14·9
Rutherglen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonecliff	.....	.....	.....	.....	.....	.....	.....	.....	.....	7·3	10·9	15·7
Clontarl	.....	.....	.....	.....	.....	.....	.....	.....	.....	11·9	13·8	21·0
Renfrew	.....	.....	.....	.....	.....	.....	.....	.....	.....	9·5	15·6	19·4
Ottawa	.....	.....	.....	.....	.....	.....	.....	.....	.....	11·7	12·4	20·0
Montreal	.....	.....	.....	.....	.....	.....	.....	.....	.....	15·4	14·2	22·9
1895–96.												
Haileybury	38·1	57·0	65·2	62·7	61·1	55·8	36·1	28·2	18·0	5·0	10·5	12·7
Rutherglen	40·7	55·0	65·5	62·1	62·2	57·4	37·6	29·5	19·8	6·9	10·8	15·0
Stonecliff	41·2	56·9	67·0	64·0	64·0	58·8	38·4	29·8	19·4	7·5	10·6	14·4
Clontarf	40·3	58·1	67·7	64·8	66·1	60·0	39·7	33·3	23·9	11·3	13·3	16·4
Renfrew	42·4	59·1	67·7	64·9	63·4	59·1	40·3	33·2	18·2	13·0	9·8	13·4
Ottawa	41·7	58·0	68·9	65·6	65·4	60·1	40·5	32·8	19·9	10·9	13·0	18·7
Montreal	42·0	58·3	70·0	67·4	66·7	59·8	41·4	34·7	22·5	12·1	4·2	19·9
1896–1897.												
Haileybury	40·2	54·3	61·5	65·0	62·2	50·7	38·2	28·4	12·2	11·4	11·0	20·9
Rutherglen	43·1	57·0	61·8	64·9	62·8	51·7	39·5	31·5	15·2	10·4	13·7	22 4
Stonecliff	43·4	57·5	63·6	66·4	64·9	53·8	41·5	32·6	16·0	11·9	12·8	22·7
Clontarf	44·6	58·6	62·7	67·2	65·2	54·4	42·3	37·1	19·1	15·5	16·5	25·7
Renfrew	43·1	57·5	64·4	69·5	64·4	56·9	42·8	35·7	16·1	11·2	14·9	26·5
Ottawa	43·8	59·2	64·1	68·9	67·0	56·1	43·1	34·8	17·0	13·7	17·3	24·8
Montreal	42·1	58·5	64·6	68·9	67·1	56·4	43·1	35·1	17·7	14·5	18·0	26·5
1897–98.												
Haileybury	36·4	47·2	57·4	70·8	60·2	55·7	44·8	25·6	11·7	7·5	13·5	29·5
Rutherglen	38·6	50·0	57·7	68·9	60·0	.....	.....	27·3	13·5	6·9	15·4	31·5
Stonecliff	41·2	52·2	59·0	71·6	62·4	58·4	47·4	28·3	15·3	7·0	16·4	32·0
Clontarf	42·4	53·3	59·8	71·7	62·6	59·8	48·2	30·7	18·2	10·6	18·7	35·7
Renfrew	42·7	52·9	60·4	74·2	61·5	59·4	47·4	30·5	.....	8·8	15·9	33·1
Ottawa	43·1	54·6	62·0	72·4	64·1	59·4	47·7	29·9	17·5	10·6	19·0	33·6
Montreal	42·4	53·7	61·0	71·7	64·6	57·8	47·5	30·9	19·9	12·1	19·9	34·4
1898–99.												
Haileybury	38·0	53·1	61·4	66 7	61·6	57·9	42·3	29·7	10·8	4·8	8·5	13·5
Rutherglen	39·3	54·5	62·2	65·4	61·6	56·9	42·9	30·3	13·2	7·4	9·0	15·3
Stonecliff	40·9	55·7	63·5	68·1	64·4	58·6	45·0	31·9	14·7	8·2	8·3	15·8
Clontarf	40·9	56·3	64·9	67·9	65·3	61·5	46·3	32·4	17·3	13·5	12·8	20·8
Renfrew	40·5	56·9	64·5	69·6	64·4	60·7	44·6	33·1	15·8	13·1	12·3	
Ottawa	43·4	57·3	66·2	70·6	67·5	61·0	46·6	32·7	17·8	13·5	12·4	21·8
Montreal	42·5	56·2	64·7	70·4	67·8	60·4	47·1	34·0	19·2	15·0	15·8	22·5
1899–1900.												
Haileybury	39·6	51·7	60·8	64·8	65·7	50·3	45·0	33·4	15·7	9·7	10·5	11·4
Rutherglen	.....	53·4	60·6	63·1	63·2	50·1	45·3	32·3	17·7	12·6	11·9	13·8
Stonecliff	40·5	54·0	61·6	63·0	63·1	51·1	44·3	31·9	19·3	9·9	9·7	13·3
Clontarf	43·4	55·5	63·3	66·5	67·7	53·8	46·6	32·8	22·9	14·8	14·6	11·8
Renfrew	44·2	56·8	64·9	.....	67·7	53·3	49·9	.....	.....	.....	12·8	14·7
Ottawa	42·2	57·4	66·0	67·7	69·4	55·5	47·4	33·7	22·2	15·2	15·2	18·6
Montreal	42·9	56·6	66·1	68·3	69·3	55·7	48·4	33·9	24·1	16·5	16·9	19·1

SESSIONAL PAPER No. 19a

MEAN MONTHLY TEMPERATURE—Temperature at stations in drainage basin of the Ottawa River.—*Continued.*

	April	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1900–01.												
Haileybury	41·2	50·9	61·5	65·4	65·6	56·8	51·2	25·5	14·5	5·7	5·7	17·1
Rutherglen	41·7	51·5	61·1	64·6	65·8	56·6	51·7	27·9	13·4	7·7	8·0	20·0
Stonecliff	43·1	50·6	60·8	65·0	64·5	56·6	50·5	27·9	13·0	5·0	5·4	18·8
Clontarf	42·2	50·4	64·0	67·9	68·0	59·2	53·3	30·7	18·1	11·3	10·4	22·7
Renfrew	45·0	52·0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ottawa	44·4	53·3	66·6	68·9	69·2	60·7	53·7	33·3	17·2	11·7	11·4	24·3
Montreal	43·5	52·2	65·7	68·5	70·7	60·2	52·6	33·0	18·1	12·7	12·5	24·9
1901–02.												
Haileybury	42·5	53·4	65·3	68·5	64·0	56·6	43·0	25·1	12·0	9·2	14·8	28·9
Rutherglen	43·4	54·8	64·2	67·6	63·4	56·5	45·0	25·4	14·9	9·1	15·2	30·6
Stonecliff	44·5	54·3	63·7	67·0	63·4	55·7	44·7	25·1	12·6	7·1	12·2	31·9
Clontarf	43·4	54·1	64·2	69·0	65·3	57·6	46·5	27·4	18·4	12·5	16·0	32·8
Renfrew	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ottawa	46·4	57·2	67·5	71·8	68·3	60·7	47·8	28·1	18·5	11·8	16·0	34·2
Montreal	43·6	56·2	66·8	70·3	67·3	60·4	47·2	28·7	21·6	13·2	17·0	34·4
1902–03.												
Haileybury	39·3	48·0	55·5	67·0	59·8	55·5	38·6	32·1	9·0	7·4	10·5	28·8
Rutherglen	41·8	49·4	56·8	66·3	59·2	55·8	39·5	34·8	10·3	7·4	12·6	31·7
Stonecliff	42·9	50·4	57·0	65·1	59·6	55·2	39·4	33·0	9·2	4·9	10·2	31·4
Clontarf	43·8	50·8	58·4	66·2	60·9	59·2	42·2	37·6	13·4	12·5	16·5	34·4
Renfrew	.....	.....	.....	67·5	61·9	58·9	41·8	36·3	11·9	9·8	16·8	34·6
Ottawa	45·2	53·8	60·6	68·9	65·2	60·7	43·8	36·8	14·7	11·8	18·2	34·5
Montreal	45·1	53·9	60·0	67·5	65·0	60·4	45·0	38·6	15·9	14·6	18·9	34·2
1903–04.												
Haileybury	36·5	53·0	60·4	64·6	59·2	55·1	43·8	27·6	5·6	−0·4	−0·9	19·5
Rutherglen	39·6	53·6	57·9	64·7	58·3	54·5	43·3	27·2	4·4	−0·4	0·0	20·0
Stonecliff	40·3	53·7	59·6	64·5	58·4	54·8	43·4	26·7	2·7	−1·6	−0·4	19·9
Clontarf	41·5	55·3	59·6	66·0	59·7	57·8	46·9	30·4	10·3	6·0	4·9	24·3
Renfrew	42·7	57·2	61·4	68·3	61·4	58·8	46·4	28·9	9·9	5·1	3·0	23·8
Ottawa	44·1	59·2	62·8	68·5	62·4	57·9	48·9	31·2	11·5	4·9	6·1	24·0
Montreal	44·1	57·8	62·9	67·7	62·0	60·0	48·6	32·1	14·0	8·2	7·2	24·8
1904–05.												
Haileybury	34·8	54·6	62·2	64·7	60·3	51·0	40·2	27·8	3·9	0·5	7·1	20·7
Rutherglen	34·9	54·4	61·7	63·4	59·2	50·9	40·2	27·7	4·4	1·7	6·5	22·4
Stonecliff	35·5	55·3	62·3	64·5	60·4	52·4	41·9	27·0	2·3	−0·3	5·9	20·6
Clontarf	36·9	57·6	62·6	66·1	62·0	54·1	42·7	29·5	8·7	6·3	9·8	24·4
Renfrew	37·2	57·7	63·9	66·3	63·1	54·7	44·0	29·4	8·8	6·8	7·5	23·9
Ottawa	38·8	59·9	65·3	68·3	64·7	54·8	44·2	29·8	8·9	7·4	9·6	24·0
Montreal	39·3	59·7	64·6	68·4	64·4	54·2	43·4	29·6	9·4	9·0	10·7	24·8
1905–06.												
Haileybury	36·1	50·1	62·8	66·4	61·6	57·8	42·2	25·8	16·1	13·1	8·0	14·7
Rutherglen	38·2	50·7	62·0	65·6	61·0	57·7	42·1	27·5	17·5	16·6	8·2	16·0
Stonecliff	39·4	50·6	63·2	67·4	63·0	58·6	43·5	28·3	16·4	13·6	8·6	16·4
Clontarf	40·8	52·4	62·9	68·1	62·5	58·4	45·9	31·1	21·0	.....	.....	.....
Renfrew	41·7	53·6	64·5	68·8	64·4	59·4	45·5	31·4	20·5	21·4	15·0	21·2
Ottawa	41·8	51·7	65·2	70·0	66·6	59·8	46·5	31·6	21·6	20·8	15·8	22·7
Montreal	41·4	54·0	63·5	69·4	65·9	58·8	46·0	31·5	21·9	21·1	17·0	21·7
1906–07.												
Halleybury	37·7	47·7	64·2	66·8	66·8	59·9	41·1	27·7	8·3	3·6	3·7	23·4
Rutherglen	39·9	49·6	64·7	66·6	65·5	58·6	45·0	.....	.....	6·5	5·7	24·6
Stonecliff	40·4	49·8	64·0	67·4	67·0	59·7	45·0	29·6	7·1	3·8	3·4	23·3
Clontarf	44·3	51·3	66·9	71·4	72·1	68·0	52·0	.....	.....	8·2	5·4	29·0
Renfrew	42·7	52·7	67·0	68·5	69·5	61·9	46·4	29·6	10·9	9·6	5·1	25·4
Ottawa	43·2	53·9	67·1	70·5	71·6	62·4	46·8	32·3	12·5	10·6	7·9	27·0
Montreal	41·9	52·7	65·5	70·6	70·7	61·1	47·9	32·6	14·1	10·7	9·5	27·4
1907–08.												
Haileybury	28·7	40·4	63·7	65·1	59·8	54·3	38·6	27·3	17·4	6·8	7·4	18·5
Rutherglen	32·2	43·4	63·0	64·1	59·5	54·3	37·5	29·0	19·7	6·2	8·6	20·8
Stonecliff	33·3	43·7	63·7	65·7	60·5	55·9	39·1	28·2	19·8	5·6	6·5	20·8
Clontarf	34·4	45·3	64·0	67·5	61·5	57·5	41·5	30·2	20·5	10·3	10·6	.....
Renfrew	35·8	46·2	65·6	67·7	62·3	57·5	41·6	31·9	20·6	16·8	8·9	23·2
Ottawa	36·5	48·9	67·2	69·3	64·4	58·1	42·8	33·0	23·2	11·8	10·9	24·3
Montreal	37·2	48·2	65·6	69·4	64·8	57·9	43·4	33·4	24·6	13·4	12·2	25·6
1908–09.												
Haileybury	32·8	52·0	63·5	67·0	62·8	62·1	46·1	32·2	11·1	7·9	8·0	20·1
Rutherglen	34·7	53·7	61·5	66·0	62·4	58·9	46·6	33·6	13·0	11·1	11·3	21·3
Stonecliff	33·9	53·9	63·1	65·5	60·1	58·0	44·3	30·4	11·0	9·6	9·9	20·4
Clontarf	33·7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Renfrew	37·4	56·3	64·5	70·1	64·7	63·3	47·1	33·5	13·0	13·3	13·7	23·7
Ottawa	36·6	57·9	66·2	71·9	66·7	63·1	48·9	33·8	14·9	13·7	16·3	24·8
Montreal	37·1	57·1	66·6	71·8	66·6	63·6	50·1	34·8	16·5	15·3	16·5	25·8

Mean Monthly Temperature—Temperature at stations in drainage basin of the Ottawa River—*Concluded.*

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1909–10.												
Haileybury	32·7	47·5	61·5	66·8	65·4	53·6	42·3	33·1	18·0	13·3	7·7	20·3
Timiskaming	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3·02
Rutherglen	33·1	48·5	62·9	64·0	63·6	53·7	41·0	33·2	19·0	15·5	8·0	28·8
Stonecliff	32·6	47·6	62·1	62·9	62·9	55·1	44·2	34·3	20·0	16·4	9·5	29·3
Renfrew	36·8	51·9	65·7	67·0	67·4	57·4	44·6	34·5	17·5	15·7	9·2	31·3
Ottawa	37·2	52·9	64·0	66·2	65·7	56·8	44·8	35·4	19·0	17·7	13·2	33·2
Montreal	38·6	54·0	65·9	67·5	67·2	58·2	46·7	36·5	21·3	20·5	14·8	33·8
1910–11.												
Quinze	.....	.....	.....	.....	.....	.....	.....	.....	.....	4·3	10·0	21·8
Haileybury	42·1	49·1	64·1	66·6	62·6	53·1	44·2	27·5	9·3	5·1	9·7	20·4
Timiskaming	42·6	52·1	64·2	67·3	63·7	52·9	42·5	29·2	9·3	8·2	11·0	20·3
Rutherglen	44·5	55·2	61·2	65·5	62·0	51·6	43·3	28·4	7·8	8·5	11·0	20·0
Stonecliff	44·8	52·1	59·9	65·3	62·5	51·6	44·1	29·8	9·9	8·5	9·6	19·4
Renfrew	46·6	53·2	62·9	69·1	66·3	.....	46·3	30·4	10·3	12·8	11·6	21·4
Ottawa	47·5	53·8	64·0	69·2	66·2	54·8	46·5	32·1	11·9	11·0	12·2	21·7
Montreal	46·8	54·3	63·4	70·0	66·1	56·7	46·9	33·2	14·3	11·9	12·7	23·4
1911–12.												
Quinze	38·1	57·3	63·4	67·7	64·4	53·3	41·6	26·0	24·6	−4·8	7·4	14·4
Haileybury	37·2	56·2	62·1	68·8	65·0	63·8	42·6	24·8	22·7	−3·7	9·3	16·2
Timiskaming	38·1	57·4	65·1	70·7	66·1	53·5	43·5	24·7	22·9	−2·5	9·1	15·7
Rutherglen	37·2	57·5	63·3	68·4	65·6	52·3	43·0	26·4	23·2	−5·2	8·6	17·6
Stonecliff	27·5	57·6	60·5	68·2	65·3	53·2	43·3	26·7	22·2	−4·3	7·4	16·3
Renfrew	39·9	61·7	63·6	71·2	68·3	55·8	45·9	29·2	25·8	0·2	10·3	18·1
Ottawa	39·2	62·9	64·6	71·4	70·3	56·9	47·0	30·4	26·1	9·1	11·2	17·9
Montreal	40·3	62·5	65·0	72·6	69·2	56·3	47·6	31·9	27·8	4·9	13·3	21·8
1912–13.												
Quinze	34·3	51·5	58·7	64·5	57·3	55·3	43·8	29·8	20·2	16·6	6·3	24·5
Haileybury	35·5	50·3	59·3	65·1	57·9	56·1	45·8	29·4	17·7	11·6	1·4	19·6
Timiskaming	35·6	52·3	59·7	67·4	59·5	56·5	46·5	32·6	25·6	20·2	7·3	24·2
Rutherglen	36·2	52·2	.....	60·9	58·1	56·4	44·6	31·3	20·2	15·1	3·1	23·0
Stonecliff	35·8	51·4	57·5	66·7	59·5	.....	45·6	30·8	18·2	13·8	5·8	23·8
Renfrew	38·9	54·8	61·4	68·1	61·7	57·4	48·4	34·0	22·1	18·7	7·7	27·9
Ottawa	38·5	55·1	61·1	67·9	61·0	58·0	49·0	35·0	22·7	21·1	10·3	26 2
Bark lake	.....	.....	.....	.....	.....	.....	.....	34·4	21·8	14·6	0·56	21·1
Montreal	39·6	55·7	60·9	70·0	62·8	57·4	49·1	35·0	24·5	22·7	11·8	28·8
1913–14.												
Quinze	41·4	45·8	65·4	67·0	66·2	55·2	48·3	35·5	23·6	15·8	5·5	24·0
Haileybury	39·6	49·7	61·9	65·2	62·5	54·0	44·6	33·9	19·9	7·7	−0·9	19·8
Timiskaming	42·2	51·8	63·4	67·3	64·8	55·3	49·0	34·1	24·9	12·6	2·9	23·9
Rutherglen	41·1	50·0	61·8	65·5	63·0	53·9	45·1	33·3	22·2	7·1	0·1	21·7
Stonecliff	55·7	50·3	62·2	65·2	63·7	54·3	46·0	35·0	22·3	9·1	2·0	....
Renfrew	44·8	52·6	64·2	68·4	65·9	57·2	49·1	37·6	23·4	9·3	5·6	24·9
Ottawa	45·3	53·8	64·1	70·0	67·1	56·7	50·6	37·9	24·0	11·5	6·1	25·2
Bark Lake	39·0	48·8	61·2	67·7	.....	56·9	44·8	33·5	20·1	3·1	5·7	19·5
Montreal	45·4	53·8	63·6	69·4	66·3	56·7	50·8	39·1	26·5	12·3	7·4	27·5
1914–15.												
Quinze	37·4	56·4	57·8	64·9	61·7	55·0	44·3	24·2	10·0	13·1	16·2	23·7
Haileybury	33·5	54·6	59·8	66·4	62·2	56·3	46·3	25·9	12·2	10·8	15·3	20·8
Timiskaming	36·4	57·2	62·9	70·9	73·6	59·0	45·9	27·1	12·6	12·9	16·1	20·4
Rutherglen	35·5	54·5	60·0	64·6	61·7	54·3	45·2	26·2	13·5	11·0	15·6	21·6
Stonecliff	35·9	55·5	60·0	66·0	62·2	56·2	46·7	26·8	14·7	11·7	16·7	23·9
Renfrew	38·2	58·1	61·5	68·0	64·1	57·1	48·4	29·6	16·2	15·3	19·0	25·9
Ottawa	38·7	59·5	63·1	68·8	65·6	58·1	49·2	30·3	16·9	18·0	19·4	26·1
Bark Lake	32·6	50·5	58·2	65·7	60·4	58·8	44·8	24·7	2·0	9·0	13·4	17·9
Montreal	37·8	58·9	62·0	68·2	65·8	58·8	49·2	31·3	18·7	17·8	21·7	26·4

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Drainage Areas of the Ottawa River and its tributaries.

	Square miles.	Square miles.
Quinze river, from N. Timiskaming		9,700
Blanche river	1,897	
Wabis river	226	
Ottawa valley to Montreal and Kipawa rivers	669	
Montreal river	2,800	
Kipawa river and Gordon creek	2,133	
Ottawa valley to Timiskaming dam	655	
Total to foot of Timiskaming lake		18,100
Ottawa valley beween Timiskaming and Mattawa	683	
Mattawa river	880	
Total to Mattawa		19,663
Ottawa valley between Mattawa and Deux Rivieres	225	
Total to metering sectionabove Deux Rivieres		19,888
Maganasibi river	234	
Total to Deux Rivieres		20,120
Ottawa valley between Deux Rivieres and Rocher Capt	115	
Total to Rocher Capitaine		20,235
Dumoine river	1,517	
Ottawa valley between Rocher Capitaine and Joachims	394	
Total to Des Joachims		22,146
Schyan river	296	
Petawawa river	1,586	
Indian river	440	
Ottawa valley between Des Joachims and Black river	652	
Black river	950	
Total to foot of Allumette island		26,070
Coulonge river	1,820	
Ottawa valley to La Passe	32	
Total to La Passe		27,922
Ottawa valley to foot of Calumet island	300	
Total to foot of Calumet island		28,222
Ottawa valley between Calumet island and Cheneux	64	
Total to Cheneux		28,286
Bonnechere river	910	
Madawaska river	3,210	
Total to Arnprior		32,406
Mississippi river	1,400	
Ottawa valley between the Cheneuax and Chats	167	
Total to Chats falls		33,973
Carp river	133	
Quyon river	164	
Total to Quyon metering section		34,270
Ottawa valley between Chats and Chaudiere falls	351	
Total to Chaudiere falls		34,621
Rideau river	1,516	
Gatineau river	9,130	
Ottawa valley between Chaudiere and Besserer's	67	
Total to Besserer's Grove		45,334
Little Blanche river (East Templeton)	137	
Lievre river	4,043	
Blanche river (Thurso)	236	
South Nation river	1,436	
North Nation river	710	
Salmon river	78	
Rouge river	1,780	
Calumet river	163	
Ottawa valley between Besserer's and Grenville	408	
Total to Grenville		51·325
Ottawa valley between Grenville and Carillon	180	
Total to Carillon		54,505
North river	700	
Rigaud river	175	
Ottawa valley between Carillon and head of Montreal Island	311	
Total to head of Montreal island		55,691
Total to mouth of river		56,041

List of Gauges on the Ottawa River and tributaries and on the St. Lawrence River.

River or Lake.	Locality.	Zero.	Gauge Reader and Address.
Quinze L.	Douglas Farm	849·50	
"	Near outlet	851·30	A. E. Leacy, N. Timiskaming, Que.
Quinze R.	Above dam	846·55	" " "
"	Below dam	818·02	" " "
Timiskaming L.	Haileybury	575·96	F. J. Fitzgerald, Haileybury, Ont.
Bay L.	Latchford	896·96	G. H. Schneider. Latchford, Ont.
Montreal R.	Below dam	892·45	
"	Empir eMill	890·35	" " "
Kipawa L.	Kipawa dam	869·50	Maurice Denis, Fabre, Que.
Kipawa R.	Below dam	859·98	" "
"	2 miles below dam	822·04	" "
Timiskaming L.	Timiskaming Station	572·66	J. B. Belanger, Timiskaming Sta., Que.
Kipawa L.	Head Gordon Creek	868·00	Shannon & Fraser, Kipawa P. O., Que.
Gordon Creek	Lumsden's Mills	770·02	James Kerr, Lumsden's Mills, Que.
Ottawa R.	Below Timiskaming dam	566·22	J. B. Belanger, Timiskaming, Que.
"	I. C. O. camp	542·71	C. W. Thomson, Timiskaming, Que.
"	Mattawa	488·46	Charles Morel, Mattawa, Ont.
Mattawa R.	Foot Turtle L.	660·72	
Talon L.	At dam	631·82	
Mattawa R.	Below Pimisi Bay	582·20	
"	Above power house	522·09	Edmond Belanger, Mattawa, Ont.
"	Below power house	495·70	" " "
Ottawa R.	Klock Sta., H. W.	478·00	A. Guilbault, Klock Sta., Ont.
"	Klock Sta., L W.	468 00	" "
Dumoine R.	1 mile up	439·79	Paul DuFoe, Mackey's Sta., Ont.
Petawawa R.	Highway bridge	411·00	James McLaughlin. Petawawa, Ont.
Ottawa R.	Pembroke	361·63	Capt. W. Murphy, Pembroke, Ont.
Black R.	Above power house	476·95	J. H. Maxwell, Waltham Sta., Que.
Coulonge R.	Above Coulonge Ch.	498·55	Camille Germain, Leclair P. O., Que.
Coulonge L.	La Passe, Ont.	339·68	Gilbert Gervais, La Passe, Ont...
Bonnechere R.	Below Renfrew	280·60	W. Stewart, Renfrew, Ont.....
Calabogie L.	Calabogie village	497·30	Mrs. J. Dyrsdale, Calabogie, Ont.
Madawaska R.	Claybank, Ont.	.....	Narcisse Jaundraw, Arnprior, Ont., R.F.D. No. 3.
Arnprior L.	Arnprior, Ont.	237·00	H. E. Barnes, Arnprior, Ont.
Mississippi R.	Below Galetta	242·32	Hydro-Electric Power Comm.
Ottawa R.	Quyon, Que.	187·32	Geo. Gallinger, Quyon, Que..
Deschenes L.	Britannia Bay	187·47	J. Sparks, Britannia Bay, Ont.
Ottawa R.	Rideau Locks	122·37	W. H. Bishop, Ottawa, Ont.
Rideau R.	Black Rapids	.....	G E. Armstrong, Black Rapids, Ont.
"	Hurdman's Bridge	199·06	H. McCurry, Hurdman's Bridge P. O
Bark L.	G. & H. depot	1.181·03	John T. White, River Desert P. O.
Gatineau R.	Above Chelsea	238·21	Lilian Hyde, Chelsea P. O., Que.
"	Below Chelsea	206·14	" "
"	" " (Bris. G.)	204·87	" "
Lievre R.	Above Poupore	433·40	O. Laframboise, Poupore P. O., Que.
"	Below Poupore	423·40	" " "
S. Nation R.	Plantagenet Springs	170·20	N. J. Sibley, Plantagenet Spr., Ont.
Rouge R.	Above Table Falls	351·60	E. Larose, Calumet, Que.
"	Below Table Falls	325·66	" "
Ottawa R.	Upper Grenville canal	117·66	Geo. Foreman, Grenville, Que.
"	Lower Grenville canal	72·17	George Bradford, Greece's Pt., Que.
"	Hd. Carillon canal	74·00	H. Robillard, Carillon, Que.
"	Ft. Carillon canal	58·70	J. Webster, Carillon, Que.
North R.	Above St. Andrew's	102·81	
Ottawa R.	Upper St. Anne's	59·57	D. Robillard, St. Anne de Bellevue, Que.
"	Lower St. Anne's	57·66	" " "
St. Lawrence R.	Upper Soulanges	135·00	A. C. St. Amour, Coteau, Que.
"	Coteau du Lac	125·95	Joseph Leger, Coteau du Lac, Que.
"	Above Cedars	122·00	Frank Marier, Cedars, Que.
"	Below Cedars	85·70	" "
"	Dumesnil's Point	90·36	Ulric Leroux, Cedars, Que.
"	Lower Soulanges	51·50	A. C. St. Amour, Coteau, Que.
"	Upper Lachine	51·63	J. Enright, 292 Wellington St., Montreal.
"	Lower Lachine	5·55	R. Milloy, 292 Wellington St., Montreal.
"	Pointe aux Trembles	12·07	L. Gendreau, Pte. aux Trembles, Que.
"	Varennes	15·30	Joseph Dessault, Varennes, Que.
"	Lanoraie	9·06	Octave Goulet, Lanoraie, Que.
"	Sorel	17·92	L. Robidoux, Sorel, Que.
Nippissing L.	North Bay	635·00	James Kennedy, Box 349, North Bay, Ont.
"	" (Rec. g.)	640·00	" " "
East R.	Stellarton	12·45	James Cowan, Stellarton, N.S.

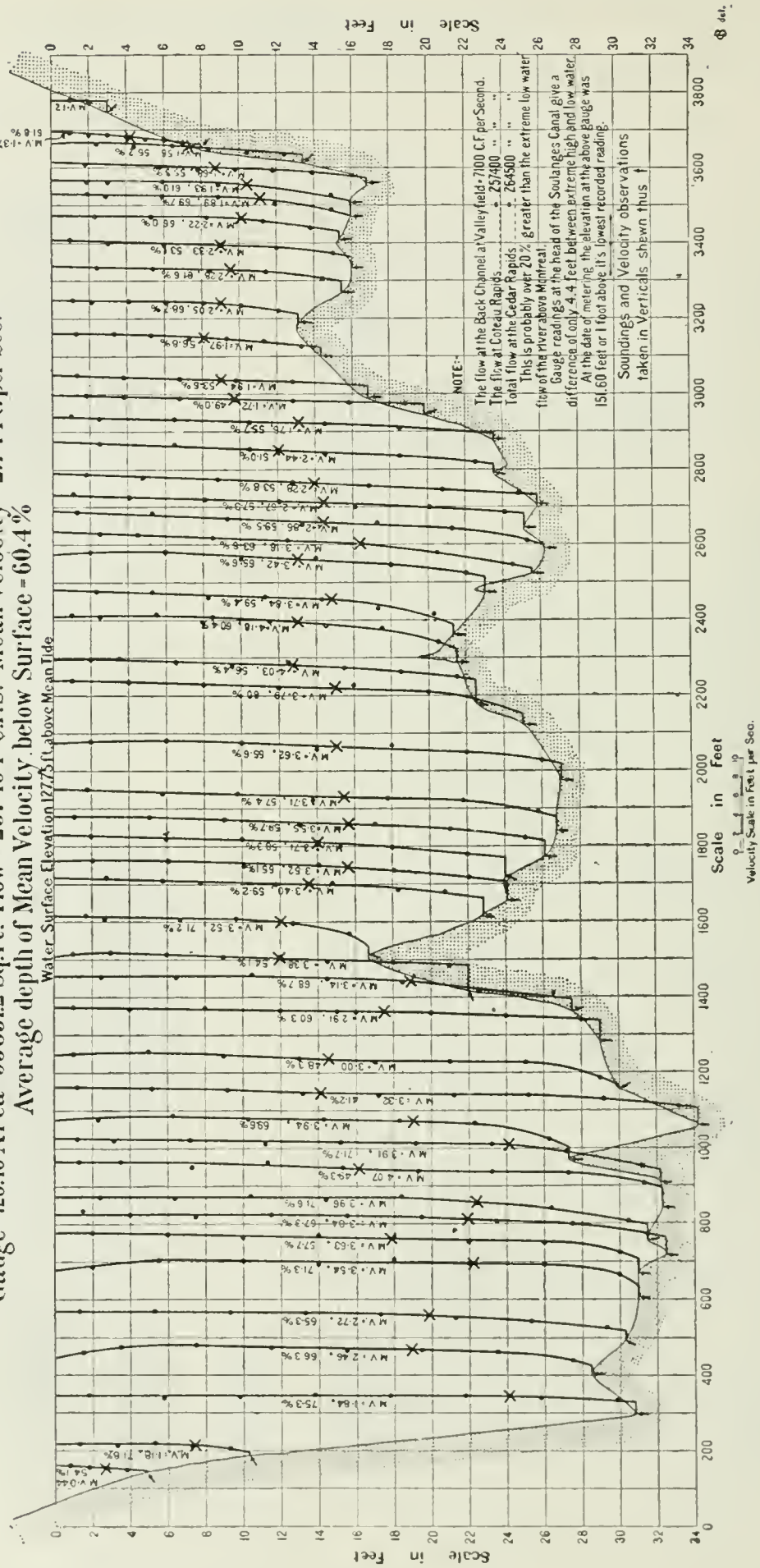
SESSIONAL PAPER No. 19a

Discharge Measurements of the St. Lawrence River above and below Montreal for the years 1910 to 1914, inclusive.

Date.	Discharge Measurements in Cubic Feet per Second.					
	Cedars.	Cedars and Montreal Cotton Co	Total from Lake St. Frances.	Flow past Montreal Harbour.	Measurements reduced by slope formula.	Lanoraie.
1910.						
Aug 26	263,500					
Sept. 1	257,000	264,150	266,500			
" 26				248,500		273,000
1911.						
July 6	226,600	233,300	235,600	267,200		
" 13				256,860		296,350
Oct. 3	213,500	221,100	223,500	229,500		
" 9				231,100		248,250
" 17	215,500	223,300	225,700	228,500		
1912.						
May 31	327,900	334,400	339,100	458,500		590,000
June 10-14				374,660		
July 3-8				313,300		369,302
" 24	259,450	266,600	271,200	296,900		
" 20-31				304,120		
Aug. 6-7				289,460		320,465
" 23-24	256,300	263,000	267,400	283,800		
" 24-29				265,230		
Sept. 17	260,000	266,500	271,900	289,100		
" 18-23				268,900		299,900
" 30	280,800	287,700	293,400	310,100		
" 26-Oct. 8				270,144		
Oct. 10-11	267,100	274,600	279,600	293,600		
" 16-21						293,340
" 23-Nov. 5				281,430		
Nov. 9-13				330,500		
1914.						
May 28-29			252,090	285,838	283,250	335,000
June 6-11-12 and 13			270,460	297,662	287,985	340,700
June 17-18-19			271,670	294,120	276,030	331,400
" 23-24			259,500	282,992	271,840	320,300
" 26-27 to July 3			280,200	306,645	295,420	348,800
July 3-4			277,930	303,312	292,200	343,500
" 8-9-10			249,900	274,896	268,130	315,000
" 13-14			254,300	275,547	267,470	311,700
" 17-24-25			266,100	282,303	269,110	312,700
" 30-31 and Aug. 1			260,400	273,313	266,640	299,500
Aug. 10-13			267,100	275,272	265,010	295,200
" 17-19			262,400	269,233	264,470	287,400
" 20-21			249,500	256,065	245,980	274,000
" 26-27			254,800	259,869	254,030	276,300
" 28-31			241,800	247,054	241,020	263,700
Sept. 11-14			249,000	253,537	241,460	269,400
" 14-15-16			241,700	246,209	243,530	262,100
" 16-18-19			234,500	238,993	234,760	254,900
" 21-22-24			242,700	245,996	241,550	260,800
" 28-29			230,000	233,078	233,330	247,600
" 30 to Oct. 2-3			230,400	232,856	233,320	246,900
Oct. 5-6-8			242,200	243,683	232,750	257,100
" 7-8-13			231,800	233,088	232,620	247,200
COMPILED FROM MEASUREMENTS MADE AT CEDARS IN 1914.						
June 3	257,726	264,512	270,550	301,300	288,300	347,600
" 8	250,871	257,210	262,600	288,850	283,700	331,000
" 11	257,331	263,670	269,060	294,960	304,300	336,700
" 19	250,325	256,890	262,560	284,660	268,300	321,700
July 6	238,814	239,035	243,970	269,420	252,900	309,900
" 10	250,320	256,944	261,290	285,190	262,050	324,100
" 14	247,971	254,400	259,928	281,130	270,600	317,500
" 24	243,742	245,157	250,360	265,860	261,700	295,500
" 28	243,214	249,950	255,305	269,700	258,000	297,700

RIVER ST. LAWRENCE METERING
TWO AND A QUARTER MILES ABOVE CEDAR RAPIDS
CEDARS, P.Q.
August 30th to September 2nd 1910

Gauge = 12.40 Area = 93851.2 Sq. Ft. Flow = 257404 C.F.S. Mean Velocity = 2.74 Ft. per Sec.
Average depth of Mean Velocity below Surface = 60.4 %


Water Surface Elevation 127.5 Ft. above Mean Tide
Scale in Feet
Scale in Feet
Velocity Scale in Feet per Sec.
NOTE:-
The flow at the Back Channel at Valleyfield = 7100 C.F. per Second.
The flow at Coteau Rapids ..... = 257400 " " "
Total flow at the Cedar Rapids ..... = 264500 " " "
This is probably over 20% greater than the extreme low water flow of the river above Montreal.
Gauge readings at the head of the Soulanges Canal give a difference of only 4.4 feet between extreme high and low water. At the date of metering, the elevation at the above gauge was 151.60 feet or 1 foot above it's lowest recorded reading.
Soundings and Velocity observations taken in Verticals shewn thus †

RIVER ST. LAWRENCE METERING

ONE QUARTER OF A MILE BELOW

LANORAIE, P.Q.

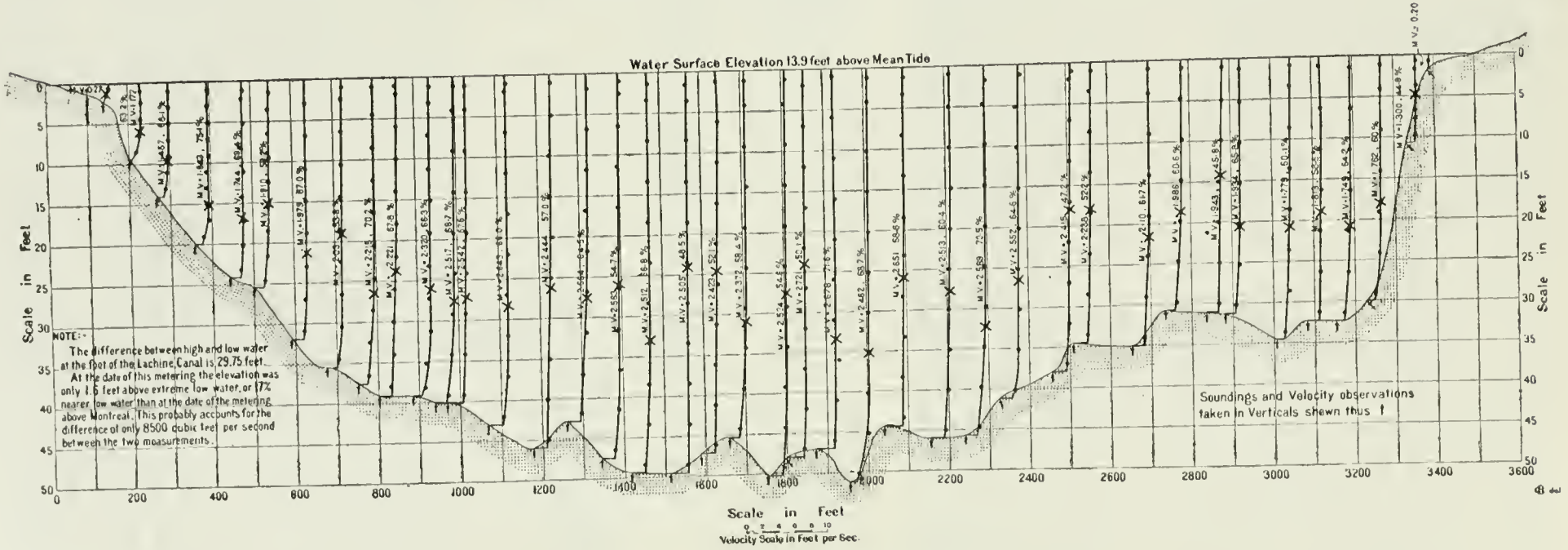
September 26th and 27th 1910

GAUGE READING, LANORAIE WHARF.

Area - 118582 Sq.Ft. Flow - 273000 C.F.S. Mean Velocity - 2.30 Ft. per Sec.

Average depth of Mean Velocity below Surface - 61.5 %

Mean depth - 34 Ft., Width at Water Surface - 3492 Ft.


Water Surface Elevation 13.9 feet above Mean Tide
Scale in Feet
NOTE:-
The difference between high and low water at the foot of the Lachine Canal is 29.75 feet. At the date of this metering the elevation was only 1.6 feet above extreme low water, or 17% nearer low water than at the date of the metering above Montreal. This probably accounts for the difference of only 8500 cubic feet per second between the two measurements.
Soundings and Velocity observations taken in Verticals shewn thus †
Scale in Feet
Velocity Scale in Feet per Sec.

ST. LAWRENCE RIVER.

Metering the St. Lawrence river was first started in 1910 and 1911, when the writer made a few measurements above Montreal at the Cedars, and below Montreal at Lanoraie. Since then, two parties have been kept constantly at the work during the summer months. The sections chosen at the Cedars and at Lanoraie could not very well be improved upon. The bed of the river at both places is smooth and free from shoals and the shores are even. The current at the Cedars section averages about 3½ feet per second, and at Lanoraie about 2½ feet per second.

In April, 1912, new sections were laid out opposite Pointe aux Trembles. These were later abandoned owing to the shoaly condition of the river bed and to dredging operations interfering with the accuracy of the measurements. However, on investigation, the channels just above Bout de l'Ile were found to be superior to those previously located.

Vertical staff gauges are maintained at Pointe aux Trembles, Bout de l'Ile, Varennes, and at Lanoraie. Daily readings are also received at this office from the gauges at the head and foot of most of the St. Lawrence river canals. The work of determining the zero elevations of these various gauges and of reducing the daily readings to mean sea datum is not far enough advanced to warrant a more complete description being made for this report.

Before closing, I wish to express my appreciation for the very valuable information and assistance that has been given me by the Washington office of the United States Geological Survey, and from the United States corps of engineers.

I have the honour to be, sir,

Your obedient servant,

SYDNEY B. JOHNSON,

Hydraulic Engineer.

NOTES ON ANNUAL CONFERENCE, WATER RESOURCES BRANCH HELD AT WASHINGTON, D.C.

C. R. Coutlee, Esq., 21st December, 1914.
Engineer in Charge,
Ottawa River Storage,
Dept. Public Works,
Ottawa.

Sir,—The Annual Conference of the Water Resources Branch of the United States Geological Survey, which I had the honour to attend, was held in Washington, D.C., from the 7th to the 12th of December of this year. A great many interesting points were taken up, having to do with all the waterways of the United States and of its possessions. The meetings were well attended, as all of the district engineers belonging to this branch of the survey were present, together with some of their assistants, and, in addition, a few prominent engineers from other branches of government work. Among these last were Secretary Lane, of the Interior Department; George Otis Smith, Director of the Geological Survey; F. H. Newell, a past chief engineer of the department, and one of the first engineers in the States to use a current-meter for obtaining stream flow data; and Mr. Davis, Chief Engineer of the United States Reclamation Service.

In opening the conference, Mr. Nathan C. Grover, Chief Hydraulic Engineer said "the Water Resources Branch exists as a result of annual appropriations by Congress."

"For gauging the streams and determining the water supply of the United States, and for the investigation of underground currents and artesian wells, and for the preparation of reports upon the best methods of utilizing the water resources."

He spoke with emphasis on the importance of keeping the data in an up-to-date condition, not only to thus have a continual check on the records and measurements, but also that the information might at all times be available at the central office, in order that the many requests from outside sources might be complied with. Mr. Grover also spoke of the extent to which work is simplified by the adoption of uniform standards that have been carefully worked out and proved by long experience. The systematic training of men both for the field and office, he considered of great importance. In this connection he thought that every field engineer should spend a certain amount of time in the central office, and office men in the field. Only in this way could they understand and sympathize with their respective reports and problems.

An office engineer, among other things, spoke of the importance of the field keeping the central office well informed when new ideas or methods were being tested. He also spoke at considerable length on the allowable percentage that discharge measurements might vary from the rating curve. In general practice he thought that about 15 per cent was the greatest difference permissible for maximum and minimum discharges, and 5 per cent for the intermediate measurements. "The curve shall be considered reasonably well defined over that portion covered by measurements whose average error is not greater than 5 per cent."

One of the district engineers considered it a better plan to utilize available funds by getting as much information as possible, even though of an approximate nature, rather than go to great details on a few rivers. This point was questioned by several engineers, and instances were cited where trouble was caused by lack of accurate data. The consensus of opinion seemed to be in favour of thoroughness rather than scattered and approximate information.

An interesting paper on standardization of equipment brought out the importance of varying the standard of computations where it seemed necessary. A tolerable degree of accuracy might in some cases be all that was required, while in other instances more accurate data are essential. The paper described fully the standard metering car now being used by the survey, emphasizing the importance of having all the parts of the car and attachments galvanized, including the turnbuckles and the carrying cable; the cost of one of these cars is now only $8.50, laid down in any district. Where good anchorage for the cable supports are not available, concrete bases are always used. The adoption by the survey of the small Price (Gurley) as their standard meter was strongly endorsed. In the discussion that followed, the advisability of using only one style of meter was questioned. Currents in a river or stream affect the screw type of meter in an entirely different way from the cup-shape form of instrument. Hence, unless a meter can be rated in moving water with approximately the same style of cross currents as found in the rivers to be metered, the only safe method is to use two or more distinct classes of instruments.

A paper dealing with weight and chain gauges showed clearly the advantages this type of gauge held over the ordinary vertical staff gauge. The average length of chain used for gauges of this type was 21 feet, and the average stretch for the varius gauges in thirty-one months amounted to only thirty-one one-hundredth of a foot. When steel bridges have been used, they have been found to rise as much as three-tenths of an inch, due to change of temperature. Growing trees should never be utilized for gauge supports or for bench-marks.

In a paper on equipment and methods, the white enamel gauge was mentioned as being the most satisfactory staff gauge yet used. It also dwelt on the import-

ance of having good reference marks to all gauges. A bench-mark should also be placed on the top of the box covering the chain gauge. The length of current-meter observations at a single point was also discussed in the paper. In results from one meter an average difference of 2½ per cent at the same stage in the river was found, due to different periods of time being given the current-meter observations. By experiment, it was found that the percentage of error for 70-second periods is about one-half the error for 10-second periods. The point was emphasized that between 25 and 30 vertical observations should be taken across a single stream at each metering. The determination of the mean velocity in the verticals was a very important factor. The most accurate method yet found being the 2-, 6-, and 8-tenths method, duplicating the 6-tenths observation in taking the mean. The paper brought out the point that probably the greatest source of error in stream gauging is in the determining of velocity.

Before closing for the day, there was some discussion on the use of concrete bases for sloping staff gauges. Where solid rock was not available, the concrete should be sunk at least 4 feet below the surface to ensure its stability not being interfered with by the frost.

The following day, the discussion was continued relating to the time intervals of velocity observations, as well as on the distances between the verticals. If a stream is less than 10 feet wide, vertical velocities should be obtained at every one-half foot across the stream. From 15 to 20 feet wide, they should be taken at every foot. When it is found that, owing to a change of river stage or oscillations in the current, a lengthy metering would give faulty results, fewer velocity observations should be taken.

A most interesting paper was read on some long and unusual flow records. In a section of Arizona there were nine consecutive years of low water. During this period, seven years followed one another without the occurrence of a single flood. The value of long and continuous river flow records was emphasized. Thousands of dollars had been thrown away on power developments, due to insufficient or inaccurate data. In some instances, developments were completed when only scattered precipitation records were available. This has frequently led to costly errors, due to wrong estimates of the minimum stream flow. Cases were cited where power propositions had been carried through, ranging from two to ten times in excess of the available low-water flow.

A short paper dealing with the accuracy in final computations, described fully where errors might occur in the working up of discharge rating curves, and differences in computation due to various methods employed in taking off the daily mean from recording gauge returns.

In a paper dealing with the responsibilities and limitations of the survey, with special reference to distribution and operation, the subject was brought up of control by the Federal Government of all waterways in the country. In this paper, the necessity was brought out of the commercial value of waterways and power sites being known before even the question of government control could be taken up. The centralization of power was fast becoming an established fact, and must necessarily be followed by some kind of control by the people.

Another paper followed on the same subject. It also explained the usefulness of daily flow hydrographs, how they assist materially in following the fluctuations of flow down the course of the stream, also indicating readily the effect on the lower reaches of heavy rains or the manipulation of artificial controls higher up the stream.

An interesting discussion followed as to just how far government engineers should assist private companies who are using the whole or part of the stream being studied, the consensus of opinion being that it was possibly not wise to go into operation of stream gauging unless the State co-operated. In any

case, government engineers were absolutely prohibited from making surveys for private individuals.

State co-operation with the Geological Survey engineers was found in some cases to cause undue expense in installing or maintaining gauge stations. One case was cited where the cost of installing a recording gauge and cable station was 50 per cent greater than it would have been had it been under one control. It was found, however, that in the majority of the states, co-operation was found to greatly facilitate the gathering of stream flow data.

A paper on some conditions requiring the use of recording gauges was read. Fifty per cent of the recording gauges had to be placed owing to the unreliability of observers. The significance of this point could not be over-emphasized. Staff gauge observers have been caught absent from their posts for two or three weeks at a time; upon returning they had filled in fictitious readings, in some cases causing errors of over 30 per cent to creep into the final flow computations.

A paper brought out the necessity of using recording gauges when a stream has artificial control. Particularly is this necessary when two or more power-houses under different control are situated at the same fall. Some interesting anecdotes were told relating to the inefficiency of some gauge observers. In speaking of the various types of recording gauges, a Stevens gauge was described that ran for three months without being visited at a station where it was impossible to secure an observer. This type of gauge is run by a weight-driven clock, the weight dropping at the rate of 7 feet per month, and the clock therefore running as long as there is enough chain and space to permit of the movement of the power weight. A very convenient style of portable recording gauge was set up at a cost of 59 cents, this being for expressage. This type of instrument is used principally where only a short period of readings is required. It is very cheap and can be set up in half a day. The Gurley Simplex gauge which runs for two days is another style used where only a short period of records is required. A properly attended recording gauge station will not exceed in cost the ordinary staff or chain gauge station.

Recording gauges should be placed at power plants, storage reservoirs and at outlying stations where the gauge reader could not be visited frequently.

One spoke of doubting whether a certain observer made regular visits to the recording gauge or not, although the man stated that he never missed a day. A Veeder counter was placed just inside the gauge house and connected to the door. The observer was told that it was a new kind of barometer. When the station was visited three weeks later, the counter showed the door to have been opened twice.

A representative of the Gurley Company described the different types of gauges manufactured by them. The weight-driven printing gauge was described as being the only one of its kind and is now being used extensively throughout the United States and Canada. The weight drops $1\frac{1}{4}$ inches per day.

Various types of gauges and their connections, including a transmission gauge, were thoroughly discussed. Probably the simplest and strongest instruments are those turned out by the Gurley people. The Stevens gauges have a unique invention whereby they will continue to record water levels that may exceed the limits for which the gauge is installed. This is accomplished by a device which causes the pencil to reverse its motion automatically when it reaches the limit of the record sheet. A good practice to follow in installing gauges is to make a $\frac{1}{4}$-inch hole in the float pipe for each square foot of water surface Ventilation is necessary, either directly from the gauge well or through the house, preferably the latter.

In several districts it had been found from practical experience that it was advisable to have an observer make frequent visits to the recording gauges.

The Freize and Gurley graph gauges were both described as being unlimited in their range, the Gurley gauges having the advantage of simplicity in construction, and possibly better clock movements. An instrument by which mean daily discharges could be quickly taken off recording gauges was described. The instrument is not yet perfected, but the results so far obtained have shown it to be practical.

A paper dealing with installations gave some instances where recording gauges had been installed at a cost of less than $50, and others where the cost had exceeded $400. Pictures were shown of a house built of boulders, no other material being available. This cost $320 without the gauge.

Costs in Honolulu, Hawaii, for installing recording gauges varied between $50 and $100. Corrugated iron pipe is used extensively wherever it can be procured at a reasonable price.

Eighty-five recording gauges are in use in Arizona, and staff gauges are being replaced with the former type as soon as is permissible.

Bristol pressure gauges came up for discussion, but were soon disposed of. Experiments had been carried on with this style of gauge at Spier Falls, N.Y. The gauge was placed alongside of a Gurley Simplex recording gauge at a station well equipped for such a purpose. Differences were found of more than a tenth of a foot between the Bristol records and the actual water levels. This inaccuracy in the Bristol gauge was not in any degree caused by temperature changes. At the present time no Bristol gauges are being used by the survey.

Mr. G. C. Stevens, the inventor of the Stevens gauge, stated that he could supply floats that would work in inclined pipes.

A paper on artificial controls dealt mainly with small streams where the water was in such demand that accurate and permanent records were of immense value. Experience had shown that weirs do not often give a true relation to the weir formulæ, but in the end form an ideal permanent control which can readily be rated by current-meter measurements taken at various depths of water over the crest.

A paper on the computations of records and methods of filing the sheets containing them was read. It was thought possible to reduce errors to a minimum by the use of recording gauges. If proper care were devoted to the selection of a site and to the installation of the gauge, errors should not exceed two per cent for ordinary stations, and where exceptional accuracy is required, 1 per cent. If the graphs show much irregularity, the daily means should be taken off with a planimeter, but if they are fairly regular, the daily mean arrived at from hourly readings will be sufficiently close.

Another writer on the same subject considered that one of the big problems of the day in connection with the use of recording gauges was to find an accurate method of computing the mean daily discharge. By using hourly gauge heights, the results will almost invariably be negative. He referred to an article in the *Engineering News* for the 27th August, 1914, which describes a quick method for taking off discharges directly from the original graphs.

An illustrated talk described conditions on the island of Hawaii. The streams on this island seldom have a greater drainage area than 10 square miles. The annual rainfall sometimes amounts to 600 inches in certain parts of the island, the known maximum for twenty-four hours being over 27 inches. This is slightly less than the highest rainfall on record, which occurred in the Philippines at Bagnio (elevation, 5,000 feet), Northern Luzon island being 38·5 inches in twenty-four hours, and 60 inches in fifty-two hours. The speaker said that he found corrugated iron to be the most economical material for the wells and houses; it could also hold its own in strength and durability. It was necessary to use the lightest material obtainable owing to the long distances supplies had to be transported by packmen. The Japanese made the best workmen,

and were always employed in preference to the natives. As the latter were also failures as gauge attendants, the engineers preferred to do their own "guessing." The average cost of recording gauges and their installations came to $300 each.

The question of drainage areas was taken up in a paper which dealt principally with scales at present used by the various branches of the survey, and with methods of measurement. For drainage areas over 1,000 square miles, maps to a scale of 1-500000 gave sufficiently accurate results. Within a short period the whole of the United States will be covered by surveys, and contour maps will be published to the above scale.

Secretary Lane of the Interior Department visited the conference and gave a short address. He spoke of the country's water-courses as being one of its greatest assets, even more important than its coal, and equally important with its lands. Speaking of the method employed by Great Britain in India, he quoted Sir William Wilcox as saying, "It makes no difference who owns the land, as long as the Government owns the water." He thought that in all probability the United States would soon come to the same opinion.

A paper explained the usefulness of the ground-water division of the service, and cited some of the instances where it was particularly valuable. A plea was put in for the co-operation of the engineers throughout the United States. Lack of funds rendered it impossible to make more than a cursory survey of a few widely scattered sections. It was found very difficult to ascertain the relation between evaporation from land and that from water surface.

The relations between the Washington office and the field was the subject of a paper read by one of the Washington engineers. The use of adding and computing machines was considered in detail, the former being particularly useful for all offices where gauge records were received. A new attachment for the Dalton adding machine was also described. This makes it possible for the adding and tabulation of the gauge and discharge records to be done in one operation on the standard size gauge sheets.

Mrs. D. B. Wood, editress in the Washington office, read a paper on the preparation of manuscripts for publication. The paper dealt partly with the lax methods of a good many of the district engineers in not paying proper attention to the very careful set of rules drawn up by the central office. The paper, although goodnatured throughout, was a severe rebuke to delinquents. Directions were given regarding the proper use of titles and sub-titles in reports, and attention was drawn to other necessary points that the author should thoroughly work out before submitting his manuscript to the editorial office.

Mr. J. C. Hoyt, in his paper on the preparation of illustrations for reports, showed some excellent reproductions from what were very poor photographs, retouched before being sent to the engraver's.

A paper on the limitations in the analysis of base data brought out the necessity of devoting careful attention to all meterings that have been discarded for any reason, or that do not apparently agree with a series of other meterings made at the same point.

In the ensuing discussion, an engineer told of some meterings that had been discarded but were, upon being carefully compared with the stream slope, found to be only slightly in error.

The use of the automobiles in stream gauging work was described, showing how a large saving in the cost of transportation was effected since the adoption of these machines. A much greater territory was also covered than would otherwise have been possible with the same appropriation.

Two of the authors of Water Supply Paper No. 345-E, which sets forth a method of determining the daily discharge of rivers of variable slope, described some further experiments that he had made along the same lines. This latter

work verified in every way the correctness of the principle set forth in the above paper.

A paper describing general conditions in New York state, referred particularly to the installation of recording gauges. Although temperatures have dropped as low as 35 degrees below zero, they have not experienced any trouble from water freezing in the wells. It was found, however, that electric gauges gave out in extremely cold weather. Throughout the greater part of the state, low water occurs during August and September, the water going higher in January and February.

Two papers on stream gauging and its relation to hydraulics were the last to be read at the conference. Some fine slides were shown with these papers, illustrating some of the uses to which stream gauging data can be put, and the ultimate results.

The conference closed on Saturday evening, the 12th inst., with short addresses by Messrs. Grover and J. C. Hoyt.

Monday, the 14th inst., was spent in examining recording gauges and other instruments, and going through the various branches of the service.

Summing up the principal features of the papers and discussions, the practicability of the following suggestions might be emphasized, viz.—

(1) A type or recording gauge capable of running for eight days without re-winding, to be adopted.

(2) Recording gauges to be used for all important rivers, more especially where there is a varying daily fluctuation, caused by the operation of power or storage dam.

(3) Results of meterings to be made available as promptly as possible after the actual field work is done.

(4) Gauge readings to be examined and entered directly the cards arrive in the office, all questionable records investigated without delay, and missing cards written for.

(5) Complete cost data to be kept of all work, year by year, efforts constantly made to improve the efficiency of the work, while at the same time cutting out unnecessary expenses.

(6) A system of filing to be adopted, which will be readily understood by any one of the office staff, and kept in the charge of one person.

A great many interesting and important points were brought out which cannot be included here. The papers, however are to be mimeographed and copies sent to those attending the conference.

Respectfully submitted,

Your obedient servant,

SYDNEY B. JOHNSON,
Hydraulic Engineer.

Elevations above M.S.L. of Quinze Lake at Douglas Farm, for 1909–10.

TABLE No.1.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1				855·4	854·4	853·7	853·7	854·1	853·7	853·3	852·6	852·2
2				855·3	854·3	853·8	853·7	854·1	853·7	853·2	852·6	852·2
3			857·8	855·2	854·4		853·7	854·0	853·7	853·2	852·6	852·1
4			857·8		854·5	853·8	853·7	854·1	853·7	853·1	852·6	852·1
5			857·7	854·9	854·5	853·9	853·7	854·1	853·6	853·1	852·6	852·1
6			857·5	855·1	854·5	854·0	853·7	854·1	853·6	853·1	852·5	852·1
7			857·4	854·8	854·5	854·1	853·7		853·6	853·0	852·5	852·2
8			857·4	854·7	854·4	854·2	853·7	854·0	853·6	853·0	852·5	852·2
9			857·3	854·7	854·3	854·2	853·7	854·1	853·5	853·0	852·5	852·2
10			857·3	854·5	854·2	854·2	853·7	854·1	853·5	853·0	852·5	852·2
11			857·1	854·5	854·2	854·2	853·7	854·1	853·4	853·0	852·5	852·2
12			857·1	854·4	854·1	854·1	853·7	854·1	853·4	852·9	852·5	852·2
13			857·0	854·3	854·1	854·1	853·8	854·1	853·4	852·9	852·5	852·2
14			857·0	854·2	854·1	854·0	853·8	854·0	853·4	852·9	852·4	852·2
15			857·0	854·1	854·0	853·9	853·9	854·0	853·4	852·9	852·4	852·2
16			856·9	854·0	854·0	853·8	854·0	854·1	853·5	852·9	852·4	852·2
17			856·8	853·9	854·0	853·8	854·0	853·9	853·5	852·9	852·4	852·2
18			856·7	853·9	854·0	853·8	854·1	853·9	853·5	852·9	852·4	852·2
19			856·6	853·9	854·0	853·7	854·2	853·8	853·5	852·9	852·3	852·2
20			856·5	853·9	853·9	853·7	854·2	853·8	853·4	852·9	852·3	852·2
21			856·4	853·9	854·0	853·7	854·2	853·8	853·4	852·9	852·3	852·2
22			856·3	853·9	853·9	853·7	854·2	853·8	853·4	852·8	852·3	852·2
23			856·3	853·9	853·9	853·7	854·2	853·8	853·5	852·8	852·3	852·2
24			856·2	853·9	853·9	853·7	854·1	853·8	853·5	852·8	852·3	852·2
25			856·2	853·9	853·9	853·7	854·1	853·7	853·4	852·7	852·3	852·2
26			856·1	853·9	853·9	853·7	854·0	853·7	853·4	852·7	852·2	852·2
27			856·0	854·1	853·9	853·7	854·0	853·7	853·4	852·7	852·2	852·2
28			856·0	854·2	853·8	853·7	854·1	853·7	853·4	852·7	852·2	852·2
29			855·8	854·3	853·8	853·7	854·1	853·7	853·3	852·7		852·2
30			855·6	854·5	853·8	853·7	854·1	853·7	853·3	852·7		852·3
31		858·6		854·5	853·7		854·1		853·3	852·7		852·4

Elevations above M.S.L. of Quinze Lake at Douglas Farm, for 1910–11.

TABLE No. 2.

1	852·6	856·1	855·5	854·0	853·1	853·4	853·4	854·6	853·8	853·2	852·4	852·0
2	852·8	856·1	855·5	854·0	853·1	853·4	853·4	854·6	853·8	853·2	852·5	852·0
3	852·8	856·0	855·5	853·9	853·1	853·5	853·5	854·6	853·8	853·2	852·5	852·0
4	853·0	856·0	855·4	853·8	853·1	853·5	853·5	854·6	853·8	853·2	852·4	852·0
5	853·2	856·0	855·4	853·8	853·1	853·5	854·1	854·7	853·7	853·2	852·4	852·0
6	853·5	856·0	855·4	853·7	853·0	853·5	854·5	854·7	853·7	853·3	852·4	852·0
7	853·8	856·0	855·4	853·7	853·0	853·5	854·7	854·6	853·7	853·3	852·4	852·0
8	854·1	855·9	855·3	853·7	853·0	853·5	854·8	854·6	853·6	853·3	852·4	852·0
9	854·1	855·8	855·3	853·7	853·0	853·5	854·9	854·6	853·6	853·3	852·3	852·0
10	854·4	855·8	855·3	853·6	853·0	853·4	854·9	854·6	853·6	853·2	852·2	852·0
11	854·6	855·8	855·2	853·6	853·0	853·4	855·0	854·6	853·5	853·2	852·2	852·0
12	855·6	855·7	855·2	853·7	852·9	853·3	855·0	854·5	853·4	853·2	852·2	852·0
13	855·6	855·6		853·6	852·9	853·3	855·1	854·5	853·4	853·2	852·2	852·0
14	855·6	855·6		853·6	852·9	853·3	855·0	854·4	853·4	853·2	852·2	852·0
15	855·6	855·6		853·6	852·9	853·3	854·8	854·4	853·4	853·2	852·2	851·8
16	855·6	855·6		853·5	852·9	853·2	854·7	854·5	853·4	853·1	852·2	851·8
17	855·1	855·6		853·4	852·9	853·2	854·7	854·3	853·4	853·0	852·2	851·8
18	855·2	855·5		853·4	852·9	853·2	854·7	854·3	853·4	852·9	852·2	851·9
19	855·3	855·5		853·4	852·9	853·2	854·7	854·4	853·4	852·8	852·2	851·8
20	855·5	855·5		853·4	852·9	853·2	854·7	854·4	853·4	852·8	852·2	851·8
21	855·6	855·5	854·5	853·3	852·9	853·2	854·7	854·2	853·3	852·7	852·1	851·8
22	855·7	855·5	854·5	853·3	852·9	853·2	854·7	854·2	853·3	852·6	852·1	851·8
23	854·9	855·5	854·4	853·3	852·9	853·2		854·3	853·2	852·5	852·1	851·8
24	854·9	855·4	854·4	853·2	852·8	853·1	854·6	854·1	853·2	852·5	852·1	851·8
25	854·9	855·4	854·3	853·2	852·8	853·1	854·6	854·2	853·3	852·5	852·0	851·8
26	854·9	855·4	854·3	853·2	852·9	853·1	854·7	854·1	853·2	852·5	852·0	851·8
27	856·0	855·4	854·2	853·2	853·1	853·2	854·7	854·1	853·2	852·5	852·0	851·8
28	856·1	855·4	854·2	853·2	853·2	853·2	854·7	854·1	853·2	852·5	852·0	851·8
29	856·1	855·4	854·2	853·2	853·3	853·3	854·7	854·0	853·2	852·5		851 8
30	856·1	855·4	854·1	853·1	853·3	853·4	854·7	853·9	853·2	852·5		851·8
31		855·4		853·1	853·4		854·7		853·2	852·5		851·7

Elevations above M.S.L. of Quinze Lake at Douglas Farm, for 1911–12.

TABLE No. 3.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	851·7	855·8	856·5	854·1	853·1	852·7	852·4	853·2	853·6	853·6	852·8	852·3
2	951·7	856·2	856·4	854·1	853·1	852·6	852·3	853·2	853·6	853·6	852·8	852·3
3	851·7	856·4	856·4	854·0	853·2	852·6	852·3	853·2	853·6	853·6	852·7	852·2
4	851·7	856·5	856·3	854·0	853·2	852·6	852·3	853·3	853·6	853·5	852·7	852·2
5	851·7	856·6	856·2	853·9	853·2	852·6	852·2	853·3	853·6	853·5	852·7	852·2
6	851·8	856·7	856·2	853·9	853·2	852·6	852·2	853·3	853·5	853·5	852·7	852·2
7	851·8	856·7	856·0	853·9	853·1	852·6	852·2	853·3	853·5	853·5	852·7	852·2
8	851·8	856·7	855·8	853·8	853·2	852·6	852·2	853·2	853·5	853·3	852·7	852·2
9	851·7	856·8	855·7	853·7	853·2	852·6	852·1	853·2	853·5	853·3	852·6	852·1
10	851·7	856·8	855·6	853·6	853·1	852·6	852·1	853·3	853·4	853·3	852·6	852·1
11	851·7	856·8	855·5	853·6	853·1	852·6	852·1	853·3	853·5	853·3	852·6	852·1
12	851·7	856·6	855·6	853·5	853·0	852·5	852·1	853·4	853·5	853·3	852·6	852·1
13	851·7	856·7	855·7	853·5	853·0	852·5	852·1	853·5	853·5	853·2	852·6	852·1
14	851·8	856·8	855·5	853·5	853·1	852·5	852·1	853·7	853·6	853·2	852·6	852·1
15	851·8	856·8	855·5	853·4	853·1	852·5	852·1	853·8	853·6	853·2	852·6	852·1
16	851·8	856·8	855·4	853·4	853·1	852·6	852·1	853·9	853·7	853·2	852·6	852·1
17	851·8	856·8	855·3	853·4	853·1	852·6	852·1	853·9	853·8	853·2	852·6	851·1
18	852·0	856·8	855·2	853·3	853·1	852·6	852·1	853·9	853·8	853·1	852·6	852·1
19	852·1	856·8	855·1	853·3	853·0	852·5	852·1	853·9	853·8	853·1	852·6	852·1
20	852·2	856·8	855·0	853·3	853·0	852·5	852·0	853·9	853·8	853·1	852·5	852·0
21	852·3	856·8	854·9	853·2	853·0	852·5	852·1	853·9	853·8	853·0	852·5	852·0
22	852·4	856·8	854·8	853·1	852·9	852·5	852·2	853·9	853·8	853·0	852·5	852·0
23	852·6	856·7	854·7	853·1	852·9	852·5	852·3	853·9	853·8	853·0	852·5	852·0
24	852·8	856·7	854·7	853·2	852·9	852·5	852·4	853·9	853·8	853·0	852·5	852·0
25	853·0	856·8	854·6	853·1	852·8	852·5	852·6	853·8	853·8	853·0	852·4	852·0
26	853·3	856·8	854·5	853·1	852·8	852·4	852·7	853·7	853·8	852·9	852·4	852·0
27	853·7	856·8	854·4	853·1	852·8	852·4	852·8	853·7	853·8	852·9	852·4	852·0
28	854·1	856·7	854·3	853·1	852·8	852·4	852·8	853·7	853·9	852·9	852·4	851·9
29	854·7	856·6	854·2	853·1	852·8	852·4	852·9	853·7	853·9	852·9	852·4	851·9
30	855·3	856·6	854·2	853·1	852·7	852·4	853·1	853·7	853·8	852·8	.....	851·9
31	.....	856·6	.....	853·1	852·7	.....	853·1	.....	853·7	852·8	.....	851·9

Elevations above M.S.L. of Quinze Lake at Douglas Farm, for 1912–13.

TABLE No. 4.

1	851·8	855·1	857·3	855·7	854·0	853·4	853·7	854·1	853·7	853·2	852·7	852·6
2	851·8	855·2	857·2	855·6	854·0	853·4	853·7	854·1	853·7	853·2	852·7	852·6
3	851·8	855·3	857·2	855·5	853·9	853·4	853·7	854·0	853·7	853·1	852·7	852·6
4	851·8	855·4	857·2	855·5	853·8	853·4	853·7	854·1	853·7	853·1	852·7	852·6
5	851·8	855·5	857·1	855·4	853·8	853·4	853·7	854·3	853·6	853·1	852·7	852·6
6	851·8	855·6	857·1	855·4	853·7	853·4	853·7	854·3	853·6	853·1	852·7	852·6
7	851·8	855·6	857·0	855·4	853·7	853·3	853·6	854·3	853·6	852·9	852·7	852·6
8	851·8	855·6	856·9	855·3	853·6	853·3	853·6	854·3	853·6	852·9	852·7	852·6
9	851·8	855·7	856·8	855·3	853·6	853·3	853·6	854·3	853·6	852·9	852·7	852·6
10	851·9	855·7	856·8	855·3	853·5	853·2	853·6	854·3	853·6	852·9	852·7	852·6
11	851·9	855·7	856·7	855·2	853·5	853·2	853·7	854·1	853·6	852·9	852·6	852·6
12	851·9	855·8	856·7	855·2	853·5	853·2	853·7	854·1	853·6	852·9	852·6	852·6
13	852·0	856·0	856·6	855·1	853·5	853·2	853·7	854·0	853·6	852·9	852·6	852·6
14	852·0	856·1	856·5	855·1	853·4	853·1	853·6	854·0	853·5	852·8	852·6	852·6
15	852·1	856·2	856·4	855·1	853·4	853·1	853·6	854·0	853·5	852·8	852·6	852·4
16	852·1	856·4	856·4	855·1	853·4	853·1	853·6	854·0	853·5	852·8	852·6	852·4
17	852·2	856·5	856·3	855·1	853·3	853·0	853·6	853·9	853·5	852·8	852·6	852·4
18	852·4	856·6	856·3	855·0	853·3	853·0	853·6	853·9	853·5	852·8	852·6	852·4
19	852·6	856·7	856·3	855·0	853·2	853·0	853·6	853·9	853·5	852·8	852·6	852·4
20	852·7	856·8	856·3	855·0	853·2	853·0	853·7	853·8	853·5	852·8	852·6	852·3
21	852·9	856·8	856·3	855·0	853·2	853·0	853·7	853·7	853·5	852·8	852·6	852·3
22	853·1	856·9	856·3	854·9	853·1	853·0	853·7	853·7	853·5	852·8	852·6	852·3
23	853·2	856·9	856·1	854·8	853·1	853·1	853·7	853·7	853·4	852·7	852·6	852·3
24	853·4	856·9	856·1	854·7	853·2	853·2	853·7	853·8	853·4	852·7	852·6	852·3
25	853·5	856·9	856·1	854·6	853·2	853·2	853·8	853·8	853·4	852·7	852·6	852·3
26	853·7	856·9	856·1	854·6	853·2	853·2	853·9	853·7	853·3	852·7	852·6	852·2
27	854·0	857·0	856·0	854·4	853·3	853·3	853·9	853·7	853·3	852·7	852·6	852·2
28	854·4	857·1	855·9	854·3	853·3	853·5	854·0	853·7	853·2	852·7	852·6	852·2
29	854·7	857·2	855·8	854·3	853·3	853·6	854·0	853·7	853·2	852·7	.....	852·2
30	854·9	857·3	855·8	854·2	853·3	853·6	854·1	853·7	853·2	852·7	.....	852·2
31	.....	857·3	.....	854·1	853·3	.....	854·1	.....	853·2	852·7	.....	852·1

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Quinze Lake at Douglas Farm, for 1913–14.

TABLE NO. 5.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	852·1	856·8	855·8	854·0	853·3	852·8	852·9	854·2	855·3	854·2	853·3	853·0
2	852·1	856·9	855·7	853·9	853·3	852·8	852·9	854·1	855·4	854·2	853·3	853·0
3	852·1	856·9	855·7	853·9	853·3	852·8	852·9	854·1	855·2	854·2	853·3	853·0
4	852·1	856·9	855·7	853·8	853·3	852·8	852·9	854·1	855·1	854·1	853·2	853·0
5	852·1	857·0	855·7	853·7	853·2	852·9	853·0	854·1	855·1	854·0	853·2	852·9
6	852·0	857·0	855·7	853·6	853·2	852·8	853·0	854·1	855·1	854·0	853·2	852·9
7	852·0	857·1	855·6	853·5	853·2	852·8	853·0	854·1	855·0	853·9	853·2	852·9
8	852·0	857·1	855·6	853·6	853·2	852·7	853·0	854·1	855·1	853·9	853·2	852·9
9	852·0	857·0	855·7	853·6	853·1	852·7	853·0	.....	855·0	853·8	853·2	852·8
10	852·0	857·0	855·6	853·5	853·1	852·7	853·0	.....	854·9	853·8	853·2	852·8
11	852·0	857·0	855·6	853·5	853·1	852·7	853·0	.....	855·0	853·7	853·2	852·8
12	852·0	856·9	855·5	853·5	853·1	852·7	852·9	.....	854·9	853·7	853·2	852·8
13	852·0	856·9	855·4	853·5	853·1	852·7	852·9	.....	854·9	853·7	853·2	852·8
14	852·0	856·9	855·3	853·5	853·0	852·7	852·9	.....	854·9	853·7	853·2	852·8
15	852·0	856·8	855·2	853·5	852·9	852·7	852·9	.....	854·8	853·7	853·1	852·8
16	852·0	856·8	855·1	853·5	852·8	852·7	852·9	.....	854·8	853·6	853·1	852·8
17	852·1	856·6	855·0	853·5	852·7	852·7	852·9	.....	854·7	853·6	853·1	852·8
18	852·1	856·5	854·9	853·5	852·7	852·7	853·0	854·7	854·7	853·6	853·1	852·8
19	852·1	856·5	854·8	853·5	852·7	852·7	853·0	854·7	854·7	853·6	853·1	852·8
20	852·2	856·5	854·8	853·5	852·7	852·7	853·1	854·6	854·6	853·6	853·1	852·7
21	852·3	856·4	854·7	853·5	852·7	852·7	853·2	854·6	854·6	853·6	853·1	852·7
22	852·6	856·4	854·6	853·5	852·6	852·7	853·3	854·6	854·5	853·5	853·1	852·7
23	852·9	856·4	854·6	853·5	852·6	852·8	853·3	854·7	854·5	853·5	853·1	852·7
24	853·7	856·3	854·5	853·5	852·6	852·8	853·4	854·8	854·4	853·4	853·1	852·7
25	854·3	856·3	854·4	854·4	852·6	852·8	853·6	854·9	854·3	853·4	853·1	852·7
26	855·6	856·3	854·3	853·4	852·6	852·8	853·7	855·0	854·3	853·4	853·1	852·7
27	855·9	856·2	854·3	853·4	852·6	852·8	853·9	855·0	854·3	853·3	853·1	852·7
28	856·3	856·2	854·2	853·4	852·6	852·8	854·0	855·0	854·6	853·3	853·0	852·7
29	856·6	856·1	854·1	853·4	852·7	852·8	854·1	855·0	854·5	853·3	.....	852·7
30	856·8	856·0	854·1	853·4	852·7	852·8	854·2	855·0	854·4	853·3	.....	852·7
31	.....	855·9	.....	853·4	852·7	.....	854·2	.....	854·3	853·3	.....	852·7

Elevations above M.S.L. of Quinze Lake at Douglas Farm, for 1914–15.

TABLE No. 6.

1	852·6	853·3	856·3	854·5	853·2	852·4	851·9	852·0	852·9	852·9	.....	.....
2	852·6	853·4	856·3	854·4	853·1	852·4	851·8	852·0	852·9	852·9	.....	.....
3	852·6	853·7	856·4	854·4	853·1	852·4	851·8	852·0	852·9	852·9	.....	.....
4	852·6	854·1	856·4	854·3	853·0	852·4	851·8	852·0	853·0	852·9	.....	.....
5	852·6	854·3	856·4	854·3	853·0	852·4	851·8	852·0	853·0	852·9	.....	.....
6	852·6	854·5	856·4	854·2	852·9	852·4	851·8	852·0	853·0	852·9	.....	.....
7	852·6	854·8	856·4	854·2	852·9	852·3	851·8	852·1	853·0	852·9	.....	.....
8	852·6	855·2	856·3	854·1	852·8	852·3	851·8	852·1	853·0	852·9	.....	.....
9	852·6	855·4	856·3	854·1	852·7	852·3	851·8	852·1	853·0	852·9	.....	.....
10	852·6	855·7	856·3	854·0	852·7	852·3	851·8	852·1	853·0	852·9	.....	.....
11	852·6	856·1	856·2	854·0	852·7	852·2	851·8	852·1	853·0	852·9	.....	.....
12	852·5	856·7	856·2	853·9	852·7	852·2	851·8	852·1	853·0	852·9	.....	.....
13	852·5	856·7	856·2	853·9	852·6	852·2	851·9	852·1	853·0	852·9	.....	.....
14	852·5	856·7	856·1	853·8	852·6	852·2	851·9	952·1	853·0	852·9	.....	.....
15	852·5	856·6	856·0	853·8	852·6	852·1	851·9	852·1	853·0	852·9	.....	.....
16	852·5	856·6	855·9	853·7	852·6	852·1	851·9	852·2	853·0	852·9	.....	.....
17	852·5	856·4	855·7	853·6	852·6	852·1	851·9	852·2	853·0	852·9	.....	.....
18	852·5	856·3	855·6	853·6	852·5	852·1	851·9	852·3	853·0	852·9	.....	.....
19	852·6	856·3	855·5	853·6	852·5	852·0	851·9	852·4	853·0	852·9	.....	.....
20	852·6	856·3	855·4	853·5	852·5	852·0	851·9	852·4	853·0	852·9	.....	.....
21	852·6	856·3	855·4	853·5	852·5	852·0	851·9	852·5	853·0	852·9	.....	.....
22	852·7	856·2	855·4	853·5	852·4	852·0	851·9	852·7	853·0	852·9	.....	.....
23	852·7	856·2	855·2	853·5	852·4	851·9	951·9	852·6	853·0	852·9	.....	.....
24	852·7	856·2	855·2	853·5	852·4	851·9	851·9	852·7	853·0	.....	.....	.....
25	852·7	856·2	855·0	853·4	852·4	851·9	851·9	852·7	853·0	.....	.....	.....
26	852·8	856·2	855·0	853·4	852·4	851·9	851·9	852·8	853·0	.....	.....	.....
27	852·9	856·1	854·9	853·4	852·4	851·9	851·9	852·8	853·0	.....	.....	.....
28	852·9	856·1	854·9	853·4	852·4	851·9	851·9	852·8	853·0	.....	.....	.....
29	853·0	856·2	854·8	853·3	852·4	851·9	851·9	852·8	852·9	.....	.....	.....
30	853·1	856·2	854·6	853·3	852·4	851·9	851·9	852·8	852·9	.....	.....	.....
31	.....	856·3	.....	853·2	852·4	.....	852·0	.....	852·9	.....	.....	.....

Elevations above M.S.L. of Quinze Lake at Outlet, for 1914–15.

TABLE NO. 7.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1								852·2	852·9	853·1	852·8	852·5
2								852·2	852·9	.....	852·8	852·5
3								852·2	852·9	853·0	852·8	852·5
4								852·3	853·0	853·0	852·8	852·5
5								852·3	853·0	.....	852·7	852·5
6								852·3	853·0	853·0	852·7	852·5
7								852·4	853·1	.....	852·7	852·5
8								852·3	853·1	853·0	852·7	852·5
9								852·4	853·1	852·9	852·7	852·5
10								852·4	853·1	852·9	852·7	852·4
11								852·4	853·1	852·9	852·7	852·4
12								852·4	853·1	853·0	852·7	852·4
13								852·4	853·1	853·0	852·7	852·4
14								852·5	853·1	853·0	852·7	852·3
15								852·5	853·1	853·0	852·7	852·3
16								852·6	853·1	853·0	852·7	852·3
17								852·5	853·1	853·0	852·7	852·3
18								852·7	853·1	853·0	852·6	852·3
19								852·7	853·1	853·0	852·6	852·3
20								852·8	853·1	853·0	852·6	852·3
21								852·8	853·1	853·0	852·6	852·3
22								852·8	853·1	853·0	852·6	852·3
23								852·8	853·1	852·9	852·6	.....
24								852·9	853·1	852·9	852·6	852·2
25								852·9	853·0	852·9	852·5	852·2
26								852·9	853·1	852·9	852·5	852·2
27								852·9	853·0	852·9	852·5	852·2
28								852·9	.....	852·9	852·5	852·2
29								852·9	853·1	852·9	.....	852·2
30								852·9	853·1	852·8	.....	852·2
31								.....	.....	852·8	.....	852·2

Elevations above M.S.L. of Quinze River above dam, for 1914–15.

TABLE No. 8.

1		850·25	855·25	852·60	848·90	848·80	848·30	848·55	850·85	851·04	850·60	850·13
2		850·65	855·40	852·60	848·85	848·90	848·30	848·55	850·85	851·04	850·57	850·11
3		851·20	855·50	852·45	848·70	848·80	848·22	849·25	850·85	850·97	850·55	850·09
4		851·85	855·50	852·29	848·65	848·75	848·22	849·70	850·95	850·97	850·54	850·08
5		852·35	855·45	852·10	848·65	848·75	848·25	849·70	851·00	850·95	850·53	850·07
6		853·10	855·35	852 10	848·67	848·80	848·25	849·70	851·00	850·96	850·53	850·06
7		853·70	855·30	852·05	848·67	848·80	848·30	849·75	851·05	851·04	850·53	850·05
8		854·15	855·30	851·85	848·67	848·80	848·20	849·75	851·10	851·00	850·51	850·04
9		854·50	855·05	851·60	848·67	848·70	848·25	849·80	851·12	851·00	850·47	850·02
10		854·75	855·15	851·25	848·70	848·70	848·25	849·95	851·14	851·00	850·47	849·99
11		854·95	855·15	851·25	848·70	848·70	848·25	849·95	851·15	850·99	850·47	849·93
12		855·05	854·95	851·05	848·80	.....	848·15	850·00	851·15	850·97	850·44	849·90
13		855·00	854·95	850·65	848·80	848·65	848·25	850·00	851·15	850·96	850·42	849·88
14		854·95	854·95	850·55	848·75	848·65	848·25	850·10	851·10	850·95	850·42	849·87
15		854·80	854·75	850·55	848·75	848·65	848·25	850·15	851·10	850·93	850·43	849·85
16		854·80	854·60	850·25	848·75	848·65	848·25	850·24	851·10	850·85	850·41	849·80
17		854·65	854·45	850·25	848·65	848·50	848·30	850·15	851·10	850·90	850·41	849·78
18		854·40	854·15	850·25	848·65	848·50	848·30	850·35	851·10	850·88	850·44	849·76
19		854·30	854·20	850·05	848·65	848·50	848·40	850·50	851·10	850·86	850·34	849·75
20		854·30	854·20	850·00	848·65	848·35	848·35	850·55	851·10	850·85	850·32	849·72
21		854·15	854·15	849·95	848·65	848·30	848·35	850·55	851·10	850·85	850·31	849·69
22	847·10	854·15	854·05	850·05	848·65	848·20	848·35	850·60	851·10	850·84	850·28	849·66
23	847·15	854·15	853·85	850·05	848·65	848·30	848·40	850·65	851·07	850·83	850·25	849·64
24	847·45	854·15	853·85	849·85	848·60	848·35	848·35	850·65	.....	850·83	850·24	849·63
25	847·60	854·10	853·55	849·75	848·63	848·35	848·35	850·70	851·03	850·81	850·20	849·61
26	848·20	853·95	853·35	849·70	848·70	848·35	848·35	850·75	851·04	850·78	850·16	849·59
27	848·50	854·10	853·15	849·67	848·75	848·35	848·40	850·75	851·03	850·75	850·12	849·58
28	849·05	854·10	853·05	849·64	848·80	848·35	848·40	850·75	.....	850·70	850·11	849·58
29	849·55	854·35	853·00	849·55	848·93	848·30	848·50	850·75	851·01	850·69	.....	849·57
30	850·03	854·65	852·85	849·50	848·85	848·30	848·55	850·80	.....	850·66	.....	849·55
31	.....	854·95	.....	849·15	.....	.....	848·55	.....	851·04	850·64	.....	849·53

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Quinze River below Maple Rapids, for 1912–13.

TABLE NO. 9

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	816·44	823·21	828·16	824·63	821·06	819·86	820·31	821·28	820·31	819·31	818·56	817·81
2	.....	823·51	828·11	824·31	820·96	819·81	820·31	821·16	820·31	819·27	818·51	817·81
3	.....	823·76	827·81	824·13	820·76	819·81	820·31	821·16	820·31	819·11	818·51	817·81
4	.....	823·98	827·81	823·93	820·66	819·71	820·36	821·01	820·16	819·01	818·51	817·81
5	.....	824·11	827·81	823·83	820·56	819·71	820·43	821·06	820·11	819·16	818·41	817·81
6	.....	824·21	827·81	823·63	820·48	819·71	820·38	821·16	820·16	819·16	818·41	817·81
7	.....	824·31	827·73	823·53	820·36	819·53	820·26	821·16	820·06	819·11	818·36	817·76
8	817·21	824·38	827·51	823·63	820·31	819·51	820·41	821·11	820·11	819·11	818·31	817·76
9	817·21	824·46	827·41	823·58	820·31	819·48	820·38	821·01	820·16	819·06	818·31	817·71
10	817·26	824·73	827·21	823·41	820·26	819·46	820·41	821·03	820·16	819·01	818·31	817·71
11	817·26	824·76	827·01	823·41	820·08	819·43	820·33	821·01	820·16	818·96	818·26	817·71
12	817·28	824·98	826·86	823·31	820·01	819·33	820·06	820·93	820·16	818·91	818·21	817·66
13	817·36	825·18	826·71	823·21	819·96	819·31	820·01	821·06	820·13	818·86	818·21	817·66
14	817·43	825·43	826·63	823·26	819·81	819·26	820·08	821·01	820·06	818·86	818·16	817·66
15	817·56	825·68	826·53	823·28	819·78	819·26	820·26	820·83	820·01	818·81	818·11	817·66
16	817·68	826·11	826·28	823·41	819·66	819·16	820·23	820·73	820·03	818·81	818·11	817·66
17	817·88	826·21	826·16	823·31	819·58	819·01	820·23	820·71	819·96	818·81	818·11	817·66
18	818·13	826·46	826·16	823·31	819·51	818·98	820·28	820·71	819·91	818·71	818·09	817·71
19	818·38	826·71	826·11	823·11	819·48	819·03	820·26	820·71	819·76	818·71	818·06	817·71
20	818·66	826·83	826·06	822·88	819·41	819·16	820·36	820·61	819·73	818·71	818·06	817·71
21	818·88	826·91	826·06	822·86	819·33	819·11	820·41	820·56	819·71	818·71	818·06	817·71
22	819·23	827·11	826·06	822·73	819·31	819·13	820·44	820·51	819·66	818·71	818·06	817·76
23	819·51	827·01	825·83	822·56	819·28	819·11	820·46	820·63	819·66	818·71	818·01	817·76
24	819·83	827·11	825·73	822·36	819·21	819·18	820·46	820·74	819·66	818·71	818·01	817·81
25	820·11	827·51	825·68	822·16	819·28	819·38	820·73	820·56	819·61	818·66	818·01	817·81
26	820·51	827·56	825·63	821·91	819·28	819·51	820·81	820·41	819·56	818·61	817·96	817·86
27	821·01	827·66	825·41	821·71	819·38	819·68	820·86	820·41	819·51	818·61	817·96	817·86
28	821·76	827·96	825·31	821·63	819·56	820·03	820·96	820·41	819·47	818·61	817·91	817·86
29	822·36	828·31	825·21	821·51	819·66	820·16	821·06	820·41	819·44	818·56	.....	817·91
30	822·83	828·31	825·03	821·33	819·76	820·31	821·01	820·34	819·42	818·51	.....	817·91
31	.....	828·31	.....	821·18	819·81	.....	821·18	.....	819·37	818·51	.....	818·01

Elevations above M.S.L. of Quinze River below Maple Rapids, for 1913–14

TABLE NO. 10.

1	818·01	827·78	825·18	820·93	819·68	818·81	819·06	820·98	822·93	820·68	818·98	817·98
2	818·01	827·83	825·13	820·98	819·63	818·86	819·08	821·33	822·93	820·63	818·91	817·93
3	818·01	827·88	825·08	820·76	819·58	818·88	819·08	821·23	822·88	820·53	818·88	817·93
4	818·26	827·78	825·03	820·68	819·56	818·88	819·08	821·15	822·83	820·41	818·88	817·93
5	818·36	827·78	824·96	820·53	819·48	818·83	819·08	821·28	822·86	820·37	818·83	817·93
6	818·41	827·86	824·73	820·21	819·46	818·78	819·08	821·28	822·86	820·25	818·80	817·93
7	818·51	828·03	824·83	820·23	819·38	818·76	819·03	821·23	.....	820·20	818·83	817·93
8	818·51	827·96	824·83	820·23	819·26	818·68	819·07	821·38	821·95	820·15	818·83	817·88
9	818·66	827·88	824·53	820·28	819·16	818·66	819·05	821·48	822·63	820·08	818·75	817·88
10	818·73	827·88	824·53	820·28	819·08	818·61	819·04	821·69	822·63	820·03	818·73	817·78
11	818·81	827·78	824·48	820·11	819·08	818·58	818·98	821·63	822·63	820·03	818·68	817·76
12	818·86	827·61	824·43	820·13	819·03	818·53	818·93	821·75	822·38	819·98	818·68	817·73
13	818·96	827·51	824·28	820·13	818·98	818·46	818·96	821·78	822·28	819·93	818·55	821·73
14	819·06	827·51	823·98	820·13	818·93	818·43	819·08	821·87	822·18	819·78	818·53	817·68
15	819·28	827·31	823·98	820·18	818·83	818·41	819·13	821·86	822·13	819·73	818·48	817·68
16	819·48	827·24	823·61	820·23	818·73	818·43	819·16	821·85	822·08	819·63	818·48	817·68
17	819·78	826·99	823·38	820·18	818·68	818·58	819·21	821·85	821·88	819·58	818·38	817·63
18	820·18	826·76	823·38	820·18	818·68	818·63	819·28	821·83	821·83	819·55	818·34	817·63
19	820·38	826·76	823·08	820·18	818·58	818·65	819·35	821·98	821·78	819·48	818·28	817·63
20	820·80	826·71	822·83	820·11	818·51	818·70	819·63	821·83	821·73	819·40	818·27	817·63
21	821·33	826·71	822·78	820·03	818·48	818·70	819·53	821·88	821·63	819·33	818·23	817·58
22	821·73	826·66	822·66	819·93	818·41	818·68	819·73	821·83	821·57	819·33	818·18	817·58
23	822·16	826·51	822·41	819·88	818·38	818·67	820·03	821·68	821·46	819·28	818·10	817·58
24	822·93	826·41	822·16	819·88	818·38	818·70	820·25	822·20	821·38	819·23	818·08	817·58
25	823·98	826·26	822·01	819·83	818·38	818·65	820·53	822·50	821·27	819·18	818·08	817·58
26	824·98	826·04	821·83	819·76	818·48	818·75	820·86	822·76	821·20	819·10	818·03	817·53
27	826·11	825·95	821·71	819·73	818·53	818·78	820·98	822·98	821·10	819·10	818·03	817·48
28	826·83	825·75	821·61	819·81	818·58	818·70	821·25	822·98	821·00	819·03	818·03	817·48
29	827·43	825·70	821·43	819·83	818·58	818·87	821·28	822·90	820·90	819·03	.....	817·48
30	827·68	825·40	821·18	819·73	818·63	819·07	821·38	823·03	820·82	818·95	.....	817·48
31	.....	825·10	..	819·68	818·71	..	821·28	.....	820·74	818·93	.....	817·48

Elevations above M.S.L. of Quinze River below Maple Rapids, for 1914–15.

TABLE NO. 11.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	817·48	820·23	823·38	820·86	818·15	817·08	816·58	816·78	817·80	817·98	817·64	817·24
2	817·46	820·63	823·18	820·63	818·13	817·11	816·58	816·78	817·80	817·96	817·63	817·23
3	817·43	821·25	823·31	820·53	818·11	817·03	816·50	816·68	817·80	817·94	817·57	817·21
4	817·43	821·63	823·31	820·38	818·00	816·98	816·48	816·88	817·90	817·90	817·57	817·18
5	817·43	822·23	823·28	820·30	817·93	816·98	816·51	816·88	817·96	817·90	817·54	817·17
6	817·38	822·83	823·23	820·28	817·75	816·98	816·53	816·97	817·96	817·91	817·54	817·16
7	817·38	823·35	823·13	820·25	817·70	816·98	816·46	817·03	818·02	818·01	817·54	817·16
8	817·38	823·88	823·13	820·18	817·68	816·97	816·43	817·03	818·02	817·97	817·54	817·13
9	817·38	824·21	823·10	820·18	817·68	816·94	816·55	816·98	818·02	817·92	817·52	817·10
10	817·38	824·40	822·78	820·03	817·63	816·93	816·53	817·13	818·07	817·92	817·51	817·08
11	817·38	824·55	822·78	819·93	817·63	816·93	816·58	817·17	818·07	817·92	817·49	817·06
12	817·33	824·63	822·73	819·78	817·61	816·90	816·43	817·08	818·07	817·90	817·48	817·04
13	817·33	824·63	822·68	819·70	817·58	816·87	816·53	817·08	818·07	817·90	817·46	817·04
14	817·33	824·60	822·48	819·65	817·58	816·85	816·58	817·21	818·07	817·89	817·45	817·02
15	817·33	824·58	822·48	819·53	817·58	816·81	816·53	817·33	818·07	817·89	817·45	817·00
16	817·33	824·45	822·30	819·33	817·48	816·78	816·53	817·38	818·07	817·85	817·43	816·96
17	817·33	824·31	822·28	819·13	817·48	816·76	816·58	817·28	818·07	817·88	817·41	816·95
18	817·33	824·20	822·13	819·10	817·48	816·78	816·58	817·48	818·07	817·85	817·42	816·94
19	817·43	824·11	822·08	819·08	817·43	816·75	816·63	817·56	818·07	817·83	817·40	816·93
20	817·48	824·08	822·00	818·95	817·43	816·68	816·63	817·58	818·07	817·84	817·38	816·91
21	817·53	823·96	821 90	818 93	817 35	816 63	816 63	817·62	818·07	817·83	817·36	816·89
22	817·58	823·93	821·88	818·75	817·33	816·58	816·63	817·63	818·07	817·81	817·34	816·87
23	817·65	823·93	821·83	818·83	817·28	816·53	816·68	817·68	818·04	817·82	817·32	816·86
24	817·78	823·83	821·68	818·80	817·24	816·58	816·63	817·70	818·04	817·80	817·31	816·84
25	817·90	823·83	821·58	818·73	817·18	816·58	816·58	817·78	817·99	817·78	817·30	816·83
26	818·18	823·83	821·43	818·68	817·18	816·58	816·58	817·78	818·00	817·77	817·27	816·83
27	818·51	823·88	821·40	818·60	817·10	816·58	816·58	817·78	817·99	817·76	817·25	816·83
28	818·96	823·96	821·33	818·50	817·17	816·58	816·63	817·78	817·99	817·74	817·24	816·83
29	819·51	823·83	821·13	818·43	817·18	816·58	816·73	817·78	817·96	817·73	.....	816·82
30	819·86	823·68	820·93	818·32	817·18	816·58	816·78	817·83	817·99	817·71	.....	816·80
31	.....	823·68	.....	818·23	817·03	.....	816·78	.....	817·99	817·67	.....	816·79

Elevations M.S.L. of Ottawa River at Haileybury, for 1906.

TABLE NO. 12.

1	.....	.....	.....	583·00	578·50	575·80	574·00	574·25	575·10	.....	.....	.....
2	.....	.....	.....	582·80	578·40	575·80	574·00	574·45	575·10	.....	.....	.....
3	.....	.....	.....	582·60	578·20	575·70	574·00	574·55	575·10	.....	.....	.....
4	.....	.....	.....	582·60	578·20	575·60	574·00	574·65	575·10	.....	.....	.....
5	.....	.....	.....	582·40	578·20	575·60	574·00	574·65	575·10	.....	.....	.....
6	.....	.....	.....	582·10	578·00	575·50	573·90	574·65	575·00	.....	.....	.....
7	.....	.....	.....	581·90	577·90	575·50	573·90	574·65	575·00	.....	.....	.....
8	.....	.....	.....	581·60	577·80	575·40	573·80	574·75	575·00	.....	.....	.....
9	.....	.....	.....	581·50	577·80	575·40	573·80	574·75	.....	.....	.....	.....
10	.....	.....	.....	581·50	577·70	575·40	573·80	574·80	.....	.....	.....	.....
11	.....	.....	.....	581·20	577·60	575·40	573·80	574·80	.....	.....	.....	.....
12	.....	.....	.....	580·90	577·60	575·30	573·75	574·90	.....	.....	.....	.....
13	.....	.....	.....	580·50	577·40	575·30	573·75	574·90	.....	.....	.....	.....
14	.....	.....	.....	580·40	577·40	575·20	573·75	575·00	.....	.....	.....	.....
15	.....	.....	.....	580·20	577·30	574·60	573·70	575·00	.....	.....	.....	.....
16	.....	.....	.....	579·80	577·10	574·50	573·70	575·00	.....	.....	.....	.....
17	.....	.....	.....	579·60	577·10	574·50	573·70	575·00	.....	.....	.....	.....
18	.....	.....	.....	579·60	577·00	574·40	573·70	575·00	.....	.....	.....	.....
19	.....	.....	.....	579·50	577·00	574·30	573·70	575·00	.....	.....	.....	.....
20	.....	.....	.....	579·40	576·90	574·20	573·70	575·00	.....	.....	.....	.....
21	.....	.....	.....	579·40	576·80	574·20	573·70	575·00	.....	.....	.....	.....
22	.....	.....	.....	579·20	576·50	574·20	573·70	575·00	.....	.....	.....	.....
23	.....	.....	.....	579·20	476·40	574·20	573·70	575·10	.....	.....	.....	.....
24	.....	.....	.....	579·00	576·30	574·20	573·70	575·10	.....	.....	.....	.....
25	.....	.....	.....	579·00	576·20	574·10	573·70	575·10	.....	.....	.....	.....
26	.....	.....	.....	578·90	576·20	574·10	573·70	575·10	.....	.....	.....	.....
27	.....	.....	.....	578·60	576·10	574·00	573·70	575·10	.....	.....	.....	.....
28	.....	.....	.....	578·50	576·10	574·00	573·75	575·10	.....	.....	.....	.....
29	.....	.....	.....	578·50	576·00	574·00	573·85	575·10	.....	.....	.....	.....
30	.....	.....	.....	578·40	576·00	574·00	574·15	575·10	.....	.....	.....	.....
31	.....	.....	.....	578 40	575·90	.....	574·15	.....	.....	.....	.....	.....

SESSIONAL PAPER No. 19a

Elevations of Ottawa River at Haileybury, for 1907–08.

TABLE NO. 13.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	575·60	586·30	584·40	580·10	577·30	580·00	579·70	578·20	577·20	575·90	574·85
2	.....	575·80	586·30	584·50	580·00	.....	580·00	579·60	578·10	577·10	575·80	574·90
3	.....	576 00	586·20	584·50	579·90	.....	579·90	579·55	577·95	577·00	575·80	574·85
4	.....	576·20	586·10	584·30	579·80	.....	579·90	579·50	577·90	577·00	575·80	574·85
5	.....	576·45	586·10	584·10	579·70	577·10	579·95	579·45	577·80	576·90	575·75	574·80
6	.....	576·55	586·10	583·90	579·65	577·00	579·90	579·40	577·70	576·90	575·75	574·80
7	.....	576·70	586·05	583·70	579·60	577·00	579·90	579·40	577·70	576·85	575·70	574·80
8	.....	577·00	585·90	583·55	579·50	576·90	579·80	579·40	577·75	576·80	575·65	574·80
9	.....	577·30	585·80	583·30	579·45	576·95	579·75	579·40	577·70	576·70	575·70	574·75
10	.....	577·60	585·70	583·20	579·40	576·95	579·80	579·30	577·70	576·65	575·70	574·70
11	.....	577·90	585·65	583·05	579·30	577·00	579·90	579·30	577·80	576·60	575·60	574·75
12	.....	578·10	585·55	582·90	579·20	577·05	579·95	579·25	577·70	576·60	575·60	574·70
13	.....	578·50	585·55	582·60	579·05	577·10	580·00	579·20	577·70	576·55	575·50	574·70
14	.....	579·10	585·45	582·50	578·90	577·50	580·10	579·10	577·70	576·50	575·45	574·65
15	.....	579·80	585·40	582·30	578·85	577·45	580·20	579·00	577·80	576·50	575·30	574·65
16	.....	580·50	585·35	582·10	578·80	577·70	580·30	579·00	577·90	576·40	575·20	574·65
17	.....	581·20	585·30	582·00	578·70	578·20	580·40	578·90	577·85	576·40	575·20	574·65
18	.....	582·00	585·05	581·80	578·60	578·40	580·45	578·80	577·70	576·40	575·15	574·60
19	574·55	582·60	584·90	581·70	578·50	578·80	580·50	578·70	577·60	576·30	575·10	574·60
20	574·55	583·10	584·60	581·50	578·40	579·05	580·50	578·60	577·60	576·25	575·10	574·70
21	574·60	583·70	584·30	581 30	578·30	579·20	580·45	578·60	577·50	576·20	575·10	574·75
22	574·80	584·30	584·20	581·20	578·20	579·40	580·40	578·65	577·60	576·20	575·05	574·75
23	574·90	584·50	584·10	581·10	578·10	579·70	580·35	578·65	577·50	576·15	575·05	574·90
24	575·00	584·70	584·15	581·05	578·05	579·80	580·30	578·70	577·40	.....	575·00	574·90
25	575·05	584·90	584·05	580·90	577·90	580·00	580·20	578·70	577·30	.....	575·00	574·90
26	575·10	585·05	584·10	580·70	577·80	.....	580·15	578·70	577·20	.....	574·95	574·85
27	575·20	585·15	584·20	580·30	577·70	.....	580·10	578·60	577·20	.....	574·85	574·85
28	575·30	585·30	584·20	580·40	577·60	.....	580·00	578·50	577·20	.....	574·90	574·90
29	575·40	585·55	584·20	580·30	577·50	580·10	580·00	578·40	577·30	.....	574·90	574·95
30	.....	586·00	584·30	580·20	577·40	580·00	579·90	578·30	577·30	.....	.....	575·00
31	.....	586·30	.....	580·15	577·35	.....	579·80	.....	577·30	575·90	.....	574·90

Elevations above M.S.L. of Ottawa River at Haileybury, for 1908–09.

TABLE No. 14.

1	574·80	579·30	588·20	584·30	.....	.....	.....	.....	.....	575·40	574·95	574·50
2	574·70	579·60	588·30	584·05	.....	.....	.....	.....	.....	575·40	574·95	574·45
3	574·55	580·05	588·35	.....	.....	.....	.....	.....	.....	575·35	574·90	574·45
4	574 40	580 30	588·40	.....	.....	.....	.....	.....	.....	575·35	574·90	574·50
5	574·40	580·65	588·40	.....	.....	.....	.....	.....	.....	575·35	574·90	574·50
6	574·40	581·10	588·40	.....	.....	.....	.....	.....	.....	575·30	574·85	574·45
7	574·40	581·30	588·30	.....	.....	.....	.....	.....	.....	575·30	574·85	574·50
8	574·40	582·20	588·20	.....	.....	.....	.....	.....	.....	575·25	574·85	574·45
9	574·40	583·10	588·10	.....	.....	.....	.....	.....	.....	575·25	574·85	574·40
10	574·35	583·60	588·00	.....	.....	.....	.....	.....	.....	575·20	574·85	574·50
11	574·40	584·20	587·90	.....	.....	.....	.....	.....	.....	575·15	574·80	574·50
12	574·45	584·80	587·80	.....	.....	.....	.....	.....	.....	575·15	574·80	574·50
13	574·55	585·40	587·70	.....	.....	.....	.....	.....	.....	575·15	574·80	574·50
14	574·55	585·80	587·60	.....	.....	.....	.....	.....	.....	575·10	574·75	574·55
15	574·55	586·20	587·40	.....	.....	.....	.....	.....	.....	575·10	574·75	574·55
16	574·55	586·40	587·30	.....	.....	.....	.....	.....	.....	575·10	574·80	574·55
17	574·80	586·60	587·20	.....	.....	.....	.....	.....	.....	575·05	574·75	574·55
18	574·80	586·85	587·10	.....	.....	.....	.....	.....	.....	575·05	574·70	574·50
19	574·80	587·00	587 00	.....	.....	.....	.....	.....	.....	575·05	574·70	574·55
20	574·90	587·15	586·80	.....	.....	.....	.....	.....	.....	575·00	574·65	574·55
21	575·00	587·20	586·50	.....	.....	.....	.....	.....	.....	575·00	574·65	574·50
22	575·10	587·25	586·40	.....	.....	.....	.....	.....	.....	575·00	574·65	574·50
23	575·10	587·30	586·25	.....	.....	.....	.....	.....	.....	575·00	574·60	574·50
24	575·40	587·40	586·05	.....	.....	.....	.....	.....	.....	575·00	574·60	574·50
25	576·00	587·50	586·00	.....	.....	.....	.....	.....	.....	575·00	574·65	574·50
26	576·50	587·55	585·60	.....	.....	.....	.....	.....	.....	575·05	574·60	574·55
27	577·00	587·60	585·30	.....	.....	.....	.....	.....	.....	575·00	574·55	574·55
28	577·55	587·65	585·10	.....	.....	.....	.....	.....	.....	574 95	574 55	574·60
29	578·20	587·70	584·80	.....	.....	.....	.....	.....	.....	574·95	.....	574·60
30	578·70	587·80	584·55	.....	.....	.....	.....	.....	.....	574·95	.....	574·60
31	.....	588·10	.....	.....	.....	.....	.....	.....	.....	574·95	.....	574·65

Elevations above M.S.L. of Ottawa River at Haileybury, for 1909–10.

TABLE NO. 15

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	574·65	579·80	591·40	.....	580·45	579·00	578·90	579·20	578·45	577·45	575·85	575·05
2	574·50	580·00	590·75	584·20	580·50	.....	579·35	579·20	578·40	577·40	575·80	575·05
3	574·60	580·10	590·55	.....	580·50	579·10	578·80	579·20	578·40	577·30	575·75	575·00
4	574·60	580·30	590·40	583·80	580·50	579·15	578·80	579·30	578·40	577·20	575·70	574·95
5	574·60	580·40	.....	583·60	580·50	579·15	578·80	579·30	578·40	577·10	575·65	574·90
6	574·65	580·60	589·80	583·40	580·45	579·20	578·80	579·35	578·40	577·05	575·60	574·90
7	574·65	580·80	589·50	583·20	580·40	579·20	578·80	579·35	578·35	577·00	575·60	574·90
8	574·70	581·30	589·35	583·00	580·30	579·25	579·25	579·45	578·30	576·90	575·55	574·85
9	574·70	581·80	589·10	582·80	.....	579·25	579·35	579·20	578·30	876·80	875·50	574·85
10	.....	582·20	588·85	582·60	.....	579·25	578·70	579·35	578·20	576·80	575·50	574·85
11	.....	582·70	588·60	582·40	580·30	579·20	578·70	579·15	578·15	576·75	575·45	574·80
12	.....	583·30	588·40	582·20	.....	579·25	578·70	579·10	578·15	576·70	575·40	574·85
13	.....	583·75	.....	.....	580·00	579·25	579·25	579·10	578·20	576·65	575·40	574·85
14	575·50	584·30	587·90	581·85	579·95	579·25	578·80	579·15	578·20	576·50	575·40	574·80
15	575·60	584·90	587·70	581·70	579·90	579·25	579·25	579·00	578·20	576·50	575·35	524·80
16	576·15	585·50	587·50	581·60	579·80	579·20	578·90	579·00	578·25	576·40	575·30	574·75
17	576·30	586·40	587·30	581·50	579·75	579·20	579·00	579·00	578·25	576·45	.....	574·75
18	576·50	587·60	.....	.....	579·70	579·10	579·00	579·35	578·10	576·40	.....	574·80
19	576·70	587·80	586·90	581·30	579·70	579·10	579·00	579·15	578·00	576·40	575·25	574·80
20	576·90	588·50	586·75	581·00	579·65	579·05	579·00	578·90	577·95	576·35	575·25	574·89
21	577·00	589·10	586·60	580·95	579·60	579·00	579·00	579·15	577·90	576·20	575·20	574·80
22	577·30	589·55	586·50	580·85	579·60	579·10	579·00	578·80	577·85	576·20	575·20	574·80
23	577·70	590·20	586·35	.....	579·50	579·10	579·10	579·15	577·85	576·15	575·15	574·80
24	578·00	590·55	586·20	.....	579·40	578·95	579·20	579·35	577·70	576·15	575·15	574·80
25	578·35	591·30	586·10	580·60	579·35	578·90	579·25	578·70	577·70	576·10	575·10	574·85
26	578·60	591·50	585·80	580·50	579·30	578·80	579·30	578·70	577·65	576·10	575·10	574·90
27	578·85	591·70	585·60	580·45	579·30	579·25	579·35	578·60	577·60	576·05	575·10	575·00
28	579·10	591·75	585·30	580·50	579·25	579·35	579·15	578·60	577·60	576·00	575·10	575·10
29	579·35	591·75	585·10	580·45	.....	578·70	579·35	579·15	577·55	576·00	.....	575·30
30	579·50	591·75	584·90	580·40	579·00	578·80	579·20	578·50	577·50	575·90	.....	575·40
31	.....	591·60	.....	580·40	579·00	.....	579·20	.....	577·50	575·85	.....	575·75

Elevations above M.S.L. of Ottawa River at Haileybury for 1910–11.

TABLE NO. 16

1	.....	.....	.....	580·20	577·20	576·70	576·85	582·20	580·50	577·65	577·30	580·25
2	.....	.....	583·70	580·10	577·20	576·70	576·90	582·20	580·40	577·60	577·50	580·40
3	576·50	.....	583·75	579·90	577·20	576·80	577·00	582·25	580·30	577·60	577·50	580·45
4	577·00	.....	583·80	579·60	577·20	576·80	577·30	582·25	580·20	577·55	577·50	580·55
5	577·50	.....	583·80	579·50	577·20	576·80	577·60	582·40	580·00	577·50	577·50	580·60
6	577·50	.....	583·80	579·60	577·15	576·80	577·85	582·50	579·00	577·45	577·60	580·70
7	578·50	584·30	583·75	579·25	577·05	576·80	578·20	582·60	.....	577·40	577·70	580·80
8	579·00	584·35	583·70	579·10	577·05	576·85	578·60	582·65	579·60	577·35	577·70	580·90
9	579·00	584·45	583·65	579·00	577·05	576·80	.....	582·70	579·50	577·35	577·75	581·00
10	579·50	.....	583·60	578·90	577·00	576·80	578·95	582·75	579·45	577·30	577·80	580·90
11	580·00	584·30	583·50	578·80	577·00	576·80	579·35	.....	579·30	577·25	577·90	.....
12	580·20	.....	583·50	578·80	577·00	576·80	.....	.....	579·20	577·20	577·90	581·00
13	580·50	581·20	583·30	578·60	576·95	576·70	579·90	.....	579·10	577·20	578·00	581·15
14	581·00	584·15	583·00	578·50	576·95	576·80	580·00	582·60	579·05	577·15	578·10	581·15
15	581·00	584·15	582·90	578·40	576·95	576·70	580·40	582·60	578·90	577·15	578·25	581·35
16	581·20	584·00	582·60	578·30	576·90	576·70	580·50	582·50	578·90	577·15	578·35	581·35
17	581·40	583·85	582·40	578·20	576·90	576·60	580·60	582·50	578·80	577·10	578·50	581·35
18	581·50	583·85	582·20	578·10	576·90	.....	580·75	582·45	578·70	577·10	578·60	581·35
19	.....	583·75	582·00	578·00	576·90	576·60	580·75	582·40	578·60	577·10	578·80	581·35
20	.....	583·60	581·85	578·00	576·85	576·50	580·80	582·40	578·50	577·20	578·95	581·35
21	582·00	583·50	581·60	577·90	576·80	576·40	581·20	582·20	578·45	577·20	579·10	581·40
22	582·35	583·40	581·40	577·75	576·75	576·40	581·30	582·00	578·40	577·20	579·25	581·40
23	582·45	583·30	581·25	577·70	576·70	576·35	581·40	581·80	578·40	577·20	579·45	581·40
24	582·70	583·30	581·00	577·70	576·65	576·35	581·60	581·65	.....	577·20	579·60	581·40
25	582·80	583·35	580·95	577·70	576·65	576·35	581·70	581·40	.....	577·20	579·75	581·45
26	583·10	583·40	580·90	577·50	576·60	576·40	581·80	581·25	.....	577·20	579·90	.....
27	.....	583·40	580·80	577·40	576·55	576·50	581·90	581·10	.....	577·20	580·00	.....
28	583·60	583·40	580·60	577·30	576·70	576·50	582·00	581·00	.....	577·20	580·15	.....
29	583·80	583·40	580·35	577·30	576·70	576·70	582·00	580·80	.....	577·20	.....	.....
30	.....	583·40	580·30	.....	576·70	.....	582·10	580·65	.....	577·30	.....	.....
31	.....	583·40	.....	577·25	576·70	.....	582·20	.....	.....	577·30	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Haileybury, for 1911–12.

TABLE NO. 17.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	581·45	587·65	585·15	581·45	577·35	577·20	575·95	576·80	580·25	581·45	580·15	579·95
2	581·40	588·45	585·05	581·15	577·35	577·20	575·95	576·90	580·25	581·45	579·85	580·00
3	581·30	588·95	584·85	580·85	577·35	577·15	576·00	576·95	580·25	581·45	579·80	580·10
4	581·25	589·45	584·65	580·55	577·30	577·10	576·00	576·95	580·25	581·35	579·80	580·15
5	581·25	588·95	584·45	580·25	577·25	576·95	575·95	577·00	580·35	581·30	579·80	580·15
6	581·20	588·55	584·20	580·00	577·25	576·85	575·95	577·05	580·35	581·30	579·65	580·15
7	581·20	588·15	584·00	579·70	577·25	576·90	575·90	577·15	580·30	581·25	579·60	580·10
8	581·15	587·85	584·30	579·45	577·30	576·80	575·90	577·25	580·25	581·25	579·60	580·05
9	581·10	587·55	584·05	579·35	577·35	576·85	575·90	577·35	580·20	581·20	.....	580·00
10	581·05	587·35	583·75	579·05	577·40	576·75	575·85	577·45	580·20	581·15	579·55	579·95
11	581·05	587·10	583·55	578·85	577·45	576·75	575·80	577·55	580·30	581·10	579·50	579·95
12	581·00	586·85	583·75	578·55	577·45	576·70	575·75	577·70	580·30	581·05	579 45	579·90
13	581·00	586·85	583·40	578·45	577·65	576·60	575·65	577·95	580·45	581·05	579·45	579·90
14	581·15	586·55	583·35	578·30	577·75	576·60	575·65	578·35	580·70	580·95	579·40	579·95
15	581·50	586·50	583·50	578·10	577·75	576·55	575·60	578·55	581·00	580·90	579·35	579·85
16	581·70	586·40	583·65	577·95	577·85	576·55	575·50	578·65	581·10	580·85	579·35	579·90
17	581·80	586·25	583·75	577·90	577·85	576·55	.....	578·85	581·25	580·80	579·30	579·90
18	581·90	586·05	583·85	577·80	577·80	.....	575·50	579·05	581·35	580·75	579·25	579·85
19	582·10	586·00	583·80	577·75	577·65	576·50	575·45	579·45	581·35	580·75	579·35	579·80
20	582·35	585·90	583·80	577·70	577·70	576·45	575·45	579·55	581·35	580·70	579·40	579·75
21	582·60	585·85	583·70	577·65	577·70	576·45	575·40	579·65	581·35	580·70	579·45	579·70
22	582·85	585·75	583·60	577·60	577·65	576·45	575·40	579·90	581·45	580·62	579·50	579·70
23	583·25	585·75	583·35	577·45	577·60	576·50	575·55	579·95	.....	580·52	579·55	579·65
24	583·50	585·75	583·20	577·40	577·60	.....	575·70	580·00	581·50	580·45	579·60	579·60
25	583·95	585·80	582·85	577·35	577·55	576·35	575·95	580·10	581·50	580·42	579·60	529·55
26	584·45	585·85	582·65	577·35	577·50	576·25	576·25	580·15	581·50	580·35	579·60	579·40
27	585·05	585·80	582·45	577·35	577·45	576·30	576·35	580·20	581·50	580·28	579·80	579·35
28	585·55	585·75	582·15	577·35	577·40	576·10	576·35	.....	581·50	580·22	579·90	579·25
29	586·30	585·65	581·85	577·35	577·35	576·05	576·55	580·25	581·50	580·17	579·95	579·25
30	587·05	585·45	581·60	577·40	577·25	576·05	576·65	580·25	581·50	580·17	.....	579·15
31	.....	585·35	.....	577·35	577·15	.....	576·65	.....	581·45	580·17	.....	579·05

Elevations above M.S.L. of Ottawa River at Haileybury, for 1912–13.

TABLE NO. 18

1	578·96	583·36	587·31	583·56	581·16	578·86	580·76	584·46	585·06	585·41	584·51	579·86
2	578·83	583·46	587·26	583·46	580·99	578·86	580·91	584·46	585·06	585·46	584·46	579·66
3	578·86	583·76	587·16	583·36	580·83	578·87	581·01	584·56	585·06	585·49	584·36	579·46
4	578·86	583·86	587·16	583·21	580·71	578·87	581·16	584·61	585·06	585·53	584·26	579·21
5	578·86	583·96	587·06	583·16	580·63	578·86	581·36	584·66	585·06	585·56	584·16	578·96
6	578·66	584·11	586·96	583·06	580·49	578·86	581·56	584·71	585·06	585·53	584·06	578·76
7	578·71	584·26	586·87	582·96	580·41	578·87	581·56	584·79	.....	585·51	583·86	578·56
8	578·72	584·42	586·71	582·96	580·34	578·86	581·51	584·91	.....	585·49	583·66	578·36
9	578·74	.....	586·66	582·86	580·25	578·76	581·59	584·93	585·03	585·46	583·46	578·26
10	578·76	584·46	586·51	582·71	580·16	578·69	581·66	584·96	585·01	585·46	583·31	578·11
11	578·81	584·51	586·46	582·71	580·11	578·66	581·71	584·96	584·99	585·46	583·11	577·96
12	578·81	584·61	586·26	582·66	580·06	578·61	581·76	584·96	584·99	585·43	582·99	577·91
13	578·86	584·86	585·96	582·66	579·96	578·60	581·83	584·96	584·96	585·31	582·86	577·76
14	578·89	585·56	585·86	582·67	579·86	578·56	581·87	584·96	584·96	.....	582·71	577·61
15	578·96	585·76	585·71	582·56	579·81	578·56	581·98	585·06	584·93	585·26	582·51	.....
16	579·06	586·11	585·64	582·46	579·76	578·46	582·01	585·11	584·91	585·26	582·31	577·41
17	579·43	586·26	585·51	582·41	579·71	578·46	582·06	585·16	584·91	585·21	582·26	577·31
18	579·61	586·46	585·36	582·36	579·66	578·50	582·16	585·16	584·91	585·16	582·13	577·23
19	579·76	586·71	585·28	582·31	579·51	578·56	582·23	585·19	584·88	585·11	581·99	577·16
20	579·96	586·86	585·16	582·26	579·36	578·63	582·29	585·16	584·88	585·11	581·93	577·09
21	580·16	586·95	585·03	585·21	579·26	.....	582·33	585·16	584·86	585·09	581·81	577·06
22	580·36	587·01	584·93	582·09	579·21	.....	582·38	585·21	584·86	585·06	581·66	577·03
23	580·61	587·01	584·76	581·91	579·16	578·66	582·46	585·21	584·91	585·01	581·46	576·96
24	580·86	587·01	584·56	581·86	579·11	579·26	582·61	585·21	585·03	584·96	581·19	576·96
25	581·16	587·01	584·41	581·81	579·06	...	582·89	585·21	585·11	584·96	580·96	576·91
26	581·36	586·93	584·36	581·76	578·97	579·86	583·26	585·16	585·16	584·91	580·71	576·86
27	581·81	586·95	584·16	581·71	578·94	580·16	583·46	585·16	585·21	584·86	580·44	576·81
28	582·36	587·01	583·99	581·66	578·94	580·26	583·76	585·11	585·26	584·79	580·11	576·76
29	582·76	587·06	583·86	581·46	578·93	580·46	583·96	585·09	585·31	584·71	.....	576·71
30	583·16	587·26	583·74	581·26	578·93	580·66	584·16	585·06	585·36	584·66	.....	576·66
31	...	587·26		581·21	578·88		584·21		585·39	584·56	.....	576·71

Elevations above M.S.L. of Ottawa River at Haileybury, for 1913–14.

TABLE No. 19.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	576·81	588·96	586·99	586·51	585·26	583·09	581·26	583·40	586·89	584·06	581·46	578·86
2	576·81	588·91	586·96	586·46	585·23	583·06	581·23	583·51	586·91	583·96	581·43	578·81
3	576·83	588·91	587·01	586·41	585·16	583·01	581·20	583·66	586·91	583·86	581·39	578·76
4	576·83	588·89	587·06	586·36	585·16	582·96	581·16	583·79	586·96	583·76	581·36	578·71
5	576·83	588·76	587·09	586·34	585·06	582·94	581·13	583·88	586·96	583·56	581·36	578·71
6	576·86	588·71	587·13	586·26	585·01	582·81	581·06	584·03	586·98	583·46	581·26	578·69
7	576·76	588·66	587·11	586·16	584·91	582·76	581·03	584·09	586·98	583·38	581·16	578·66
8	576·81	588·61	587·21	586·06	584·79	582·69	581·01	584·26	586·89	583·31	581·06	578·63
9	576·86	588·56	587·23	586·01	584·71	582·63	580·99	.....	586·71	583·24	580·96	578·57
10	576·91	588·46	587·23	585·93	584·64	582·46	580·91	584·76	586·59	583·16	580·86	578·51
11	576·96	588·36	587·21	585·91	584·49	582·37	580·96	584·96	586·46	583·13	580·76	578·34
12	577·51	588·16	587·26	.....	584·36	582·31	580·97	585·26	586·31	583·06	580·66	578·26
13	577·76	587·96	587·06	585·91	584·31	582·16	580·94	585·41	586·11	583·09	580·51	578·16
14	578·06	587·81	586·96	585·86	584·28	582·16	580·89	585·59	585·96	582·88	580·46	578·06
15	578·56	587·64	586·86	585·85	584·26	582·11	580·91	585·76	585·86	582·81	580·33	577·91
16	578·96	587·51	586·76	585·83	584·21	582·11	580·86	585·91	585·76	582·69	580·06	577·81
17	579·46	587·36	586·61	585·81	584·16	582·09	580·91	586·11	585·66	582·56	579·96	577·72
18	579·96	587·33	586·46	585·79	583·96	582·05	581·01	586·26	585·56	582·45	579·86	577·64
19	580·48	587·26	586·36	585·76	583·76	582·03	581·09	586·36	585·46	582·34	579·66	577·54
20	581·06	587·21	586·36	585·77	.....	582·01	581·21	586·46	585·36	582·21	579·59	577·46
21	581·59	.....	586·36	585·76	.....	581·96	581·26	586·51	585·31	582·14	579·51	577·36
22	582·06	587·06	586·34	585·74	583·56	581·86	581·36	586·56	585·21	582·03	579·26	577·26
23	582·81	587·11	586·36	585·71	583·46	581·71	581·46	586·64	585·13	581·96	579·18	577·16
24	583·81	587·23	586·41	585·73	.....	581·62	581·69	586·70	585·06	581·87	579·16	577·06
25	584·81	587·16	586·43	585·56	583·27	581·48	582·06	586·78	584·86	581·81	579·11	577·04
26	586·06	587·11	586·44	585·46	583·16	581·47	582·27	586·86	584·76	581·71	579·06	576·96
27	587·21	587·16	586·51	585·46	583·09	581·46	582·52	586·86	584·66	581·64	579·01	576·91
28	587·86	587·16	586·56	585·43	583·04	581·41	582·66	586·88	584·53	581·59	578·96	576·86
29	588·48	587·11	586·57	585·41	583·11	581·34	582·83	586·91	584·38	581·55	.....	576·79
30	588·89	587·11	586·56	585·36	583·14	581·29	583·09	586·89	584·26	581·53	.....	576·79
31	.....	587·06	.....	585·31	583·11	.....	583·32	.....	584·16	581·47	.....	576·76

Elevations above M.S.L. of Ottawa River at Haileybury, for 1914–15.

TABLE No. 20.

1	576·71	579·51	585·26	581·89	578·23	576·33	575·76	575·51	575·96	576·91	576·61	576·31
2	576·66	579·73	585·36	581·66	578·16	576·29	575·74	575·53	575·98	576·91	576·57	576·31
3	576·51	579·96	585·41	581·56	578·09	576·26	575·73	575·56	575·99	576·91	576·57	576·31
4	576·42	580·26	585·46	581·46	577·96	576·25	575·71	575·56	576·01	576·91	576·56	576·28
5	576·36	580·56	585·46	581·33	577·83	576·26	575·67	575·57	575·96	576·93	576·56	576·26
6	576·36	580·86	585·51	581·16	577·75	576·26	575·61	575·57	576·01	576·96	576·55	576·26
7	576·36	581·11	585·51	580·96	577·66	576·29	575·61	575·56	576·06	576·96	576·53	576·26
8	576·44	581·58	585·51	580·81	577·56	576·33	575·61	575·56	576·21	576·96	576·51	576·26
9	576·46	581·86	585·54	580·61	577·46	576·36	575·61	575·59	576·29	576·96	576·49	576·31
10	576·46	582·06	585·61	580·46	577·39	576·41	575·66	575·61	576·44	576·96	576·46	576·31
11	576·41	582·21	585·61	580·36	577·33	576·46	575·66	575·61	576·56	577·01	576·46	576·36
12	576·36	582·36	585·59	580·29	577·25	576·51	575·63	575·66	576·66	577·01	576·43	576·39
13	576·36	582·41	585·56	580·16	577·21	576·53	575·59	.....	576·78	577·03	576·41	576·41
14	576·36	582·46	585·56	580·01	577·06	576·46	575·56	575·66	576·71	577·04	576·41	576·41
15	576·41	582·56	585·26	579·81	577·01	576·41	575·56	575·61	576·66	577·06	576·43	576·43
16	576·46	582·76	584·96	579·69	576·91	576·36	575·58	575·56	576·71	577·06	576·45	576·43
17	576·51	582·96	584·71	579·56	576·91	576·36	575·61	575·56	576·76	577·06	576·46	576·46
18	576·56	583·11	584·46	579·51	576·91	576·31	575·61	575·58	576·83	577·06	576·46	576·46
19	576·61	583·31	584·23	579·49	576·86	576·31	575·66	575·59	576·89	577·06	576·41	576·43
20	576·76	583·47	584·06	579·36	576·81	576·16	575·66	575·61	576·96	577·08	576·36	576·41
21	577·06	583·55	583·91	579·26	576·76	576·11	575·66	575·66	576·91	576·96	576·36	576·41
22	577·16	.....	583·56	579·16	576·71	576·06	575·61	575·66	576·86	576·91	576·39	576·38
23	577·36	.....	583·36	579·06	576·66	576·01	575·61	575·71	576·86	576·91	576·39	576·36
24	577·41	.....	583·11	579·01	576·61	575·96	575·59	575·76	576·86	576·89	576·38	576·34
25	577 56	.....	583·01	578·91	576·56	575·91	575·56	575·81	576·86	576·86	576·36	576·31
26	577·61	584·46	582·76	578·66	576·51	575·86	575·54	575·86	576·86	576·83	576·36	576·31
27	577·69	584·61	582·46	578·56	576·46	575·81	575·51	575·89	576·87	576·83	576·35	576·36
28	577·76	584·76	582·46	578·51	576·43	575·81	575·51	575·93	576·88	576·79	576·35	576·32
29	578·46	584·91	582·26	578·43	576·39	575·74	575·49	575·94	576·91	576·76	.....	576·33
30	579·31	585·11	582·01	578·36	576·36	575·78	575·48	575·94	576·91	576·71	.....	576·33
31	.....	585·16	.....	578·29	576·36	.....	575·46	.....	576·91	576·67	.....	576·31

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Montreal River at Bay Lake, for 1912–13.

TABLE No. 21.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	901·12	905·38	905·38	903·15	.....	901·25	901·50	902·17	901·60	901·26	901·07	900·98
2	901·13	905·47	905·28	903·04	.....	901·25	901·45	902·25	901·60	901·26	901·05	901·00
3	901·16	905·47	905·18	.....	.....	901·26	901·43	902·29	901·59	901·25	901·03	901·02
4	901·18	905·54	905·08	.....	.....	901·22	901·49	902·37	901·56	901·23	901·00	901·05
5	901·09	905·56	904·98	.....	.....	901·19	901·45	902·42	901·53	901·22	900·98	901·04
6	900·98	905·57	904·98	.....	901·16	901·27	901·45	902·47	901·57	901·20	900·98	901·05
7	901·03	905·60	904·88	.....	901·19	901·25	901·49	902·49	901·59	901·22	900·97	901·06
8	901·06	905·63	904·78	.....	901·19	901·28	901·45	902·47	901·58	901·27	900·97	901·07
9	901·11	905·64	905·08	.....	901·16	901·26	901·45	902·47	901·56	901·27	900·96	901·06
10	901·15	905·65	904·98	.....	901·22	901·25	901·44	902·40	901·53	901·26	900·93	901·05
11	901·23	905·64	904·88	.....	901·27	901·26	901·37	902·37	901·55	901·26	900·92	901·05
12	901·35	905·88	904·78	.....	901·35	901·25	901·37	902·37	901·54	901·25	900·90	901·05
13	901·48	906·08	904·68	.....	901·35	901·20	901·37	902·33	901·52	901·20	900·89	901·03
14	901·56	906·10	904·58	.....	901·42	901·16	901·37	902·32	901·49	901·20	900·90	901·04
15	901·68	906·12	904·48	.....	901·42	.....	901·45	902·29	901·49	901·19	900·90	901·07
16	901·78	906·14	904·38	.....	901·40	901·17	901·41	902·24	901·49	901·18	900·89	901·07
17	901·65	906·15	904·33	.....	901·35	901·15	901·37	902·25	901·48	901·17	900·90	901·07
18	901·90	906·18	904·28	.....	901·32	901·12	901·42	902·18	091·47	901·17	900·89	901·07
19	901·98	906·18	904·24	.....	901·29	901·16	901·45	902·15	901·45	901·16	900·89	901·08
20	902·00	906·38	904·21	.....	901·15	901·18	901·47	902·12	901·43	901·17	900·90	901·09
21	.....	906·27	904·17	.....	901·06	901·10	901·45	902·07	901·41	901·22	900·90	901·15
22	.....	906·28	904·14	.....	901·04	901·22	901·45	901·98	901·40	901·23	900·91	901·20
23	.....	906·18	904·03	.....	901·04	901·24	901·62	901·87	901·39	901·21	900·93	901·20
24	.....	906·08	903·94	.....	901·00	901·28	901·72	901·92	901·37	901·18	900·97	901·25
25	.....	905·98	903·82	.....	901·09	901·39	901·86	901·89	901·36	901·17	900·99	901·28
26	.....	905·88	903·71	.....	901·21	901·45	902·01	901·86	901·33	901·15	901·00	901·32
27	904·38	905·68	903·59	.....	901·16	901·55	902·10	901·82	901·31	901·12	900·97	901·33
28	904·58	905·58	903·48	.....	901·21	901·60	902·01	901·72	901·30	901·10	900·99	901·32
29	904·98	905·58	903·38	.....	901·26	901·58	902·09	901·66	901·28	901·07	.....	901·33
30	905·18	905·48	903·27	.....	901·25	901·52	902·19	901·64	901·28	901·03	.....	901·34
31	.....	905·47	.....	.....	901·26	.....	902·11	.....	901·27	901·07	.....	901·41

Elevations above M.S.L. of Montreal River at Bay Lake, for 1913–14.

TABLE No. 22.

1	901·42	908·23	904·25	902·89	902·63	902·58	901·91	903·83	905·68	907·99	906·37	906·10
2	901·45	908·17	904·25	902·74	902·62	902·62	901·91	903·89	906·01	907·93	906·48	906·07
3	901·48	908·03	904·34	902·63	902·68	902·63	901·91	903·85	906·23	908·07	906·49	905·98
4	901·52	907·87	904·39	902·67	902·73	902·57	901·83	903·94	906·33	908·00	906·54	905·87
5	901·57	907·76	904·45	902·64	902·76	902·53	901·82	903·89	906·71	907·92	906·58	905·59
6	901·61	907·70	904·51	902·62	902·81	902·51	901·81	903·71	906·98	907·56	906·55	905·29
7	901·64	907·60	904·55	902·74	902·83	902·58	901·80	903·58	907·30	906·91	906·59	904·80
8	901·65	907·50	904·40	902·64	902·83	902·73	901·84	903·63	907·53	906·26	906·60	904·38
9	901·66	907·42	904·20	902·58	902·88	902·65	901·76	903·63	907·40	906·58	906·62	903·97
10	901·67	907·30	904·13	902·58	902·91	902·48	901·79	903·81	907·81	906·72	906·62	903 56
11	901·75	907·08	903 85	902·68	902·91	902·38	901·81	903·81	907·83	906·55	906·59	903·17
12	901 79	906·82	904·00	902·75	902·86	902·31	901·88	903·81	907·89	906·73	906 56	902·98
13	901·15	906·68	904·00	902·86	902·83	902·21	901·84	903·81	907·99	906·74	906·50	902·79
14	901·18	906·25	904·03	902·93	902·78	901·87	901·71	903·78	908·00	906·61	906·49	902·58
15	901·23	906·20	903·97	903·06	902·71	901·83	901·87	903·75	908·01	906·60	906·43	902·41
16	901·34	906·00	903·97	903·13	902·68	901·73	901·90	903·71	907·83	906·52	906·39	902·36
17	901·52	905·79	903·90	903·18	902·63	901·81	901·87	903·71	907·70	906·49	906·33	902·27
18	901·74	905·64	903·83	903·25	902·63	901·86	902·01	903·68	907·12	906·35	906·25	902·19
19	902·05	905·50	903·75	903·18	902·48	901·78	902·13	903·68	906·50	906·32	906 22	902·10
20	903·09	905·36	903·73	903·13	902·40	901·71	902·38	903·68	906·60	906·33	906·26	902·02
21	903·34	905·09	903·73	903·03	902·31	901·91	902·63	903·71	906·43	906·32	906·29	901·90
22	903·59	904·95	903·63	902·91	902·31	901·95	902·82	903·69	906·74	906·29	906·38	901·79
23	904·01	904·84	903·55	902·79	902·48	901·98	903·08	903·81	906·75	906·22	906·43	901·73
24	904·82	904·80	903·50	902·83	902·43	901·93	903·23	903·94	907·03	906·22	906·46	901·68
25	905·85	904·70	903·47	902·77	902·43	901·96	903·41	904·18	907·33	906·30	906·45	901·59
26	906·73	904·55	903·41	902·68	902·50	901·98	903·44	904·69	907·77	906·31	906·33	901·53
27	907·36	904·45	903·46	902·61	902·60	901·95	903·56	904·94	907·98	906·32	906·16	901·50
28	908·02	904·40	903·38	902·61	902·58	901·93	903·70	905·12	908·24	906·33	906·10	901·48
29	908·26	904·30	903·19	902·53	902·61	901·98	903·81	905·18	908·16	906·22	.....	901·43
30	908·29	904·26	902·97	902·58	902·63	901·94	903·82	905·53	908·14	906·21	.....	901·47
31	.....	904·24	.....	902·60	902·61	.....	903·81	.....	908·07	906·32	.....	901·44

Elevations above M.S.L. of Montreal River at Bay Lake, for 1914–15.

TABLE No. 23.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	901·42	905·16	905·85	904·28	906·35	903·68	901·81	902·95	906·25	904·98	904·85	904·62
2	901·42	905·36	905·65	904·20	906·25	903·63	901·76	903·15	906·34	904·92	904·80	904·52
3	901·40	905·74	905·50	904·30	906·08	903·57	901·74	903·36	906·44	904·86	904·74	904·43
4	901·39	906·10	905·50	904·80	905·95	903·53	901·68	903·51	906·50	904·79	904·64	904·30
5	901·38	906·16	904·80	905·28	905·95	903·45	901·70	903·65	906·56	904·63	904·56	904·13
6	901·38	906·36	905·25	905·65	905·73	903·42	901·68	903·76	906·65	904·51	904·55	904·00
7	901·38	906·58	904·98	906·10	905·60	903·43	901·58	903·79	906·66	904·56	904·61	903·89
8	901·38	906·66	906·00	906·55	905·51	903·30	901·46	903·95	906·72	904·66	904·65	903·88
9	901·38	906·83	905·91	906·85	905·39	903·25	901·35	904·03	906·84	904·74	904·61	903·61
10	901·36	906·87	904·40	906·88	905·27	903·16	901·33	904·10	906·92	904·79	904·51	903·46
11	901·38	906·78	905·16	907·05	905·12	903·10	901·29	904·17	906·93	904·86	904·47	903·34
12	901·38	906·86	904·20	906·85	905·11	903·09	901·37	904·26	906·91	904·92	904·50	903·21
13	901·37	906·98	904·20	906·80	904·97	903·02	901·32	904·31	906·88	904·98	904·50	903·06
14	901·34	906·77	904·15	907·01	904·94	902·89	901·29	904·35	906·91	905·01	904·52	902·92
15	901·35	907·45	904·22	907·25	904·89	902·74	901·33	904·37	906·86	905·04	904·52	902·78
16	901·34	906·83	904·10	907·40	904·78	902·61	901·36	904·46	906·78	904·89	904·53	902·66
17	901·37	906·63	904·05	907·35	904·71	902·52	901·36	804·50	906·65	904·89	904·53	902·56
18	901·48	906·47	904·10	907·28	904·66	902·48	901·47	904·54	906·58	904·93	904·52	902·33
19	901·59	906·28	904·25	907·29	904·60	902·41	901·53	904·70	906·51	904·98	904·50	902·12
20	901·76	906·59	904·28	907·25	904·48	902·41	901·56	904·91	906·34	904·98	904·46	901·94
21	901·88	906·59	904·11	907·30	904·47	902·38	901·69	905·17	906·18	904·98	904·42	901·76
22	902·06	906·50	904·09	907·25	904·42	902·35	901·85	905·36	906·05	904·98	904·41	901·65
23	902·23	906·85	903·75	907·27	904·40	902·31	902·04	905·50	905·91	904·99	904·45	901·53
24	902·47	906·98	903·75	907·24	904·40	902·26	902·23	905·65	905·77	904·98	904·50	901·43
25	902·70	906·90	903·75	907·24	904·36	902·16	902·36	905·79	905·64	904·96	904·57	901·34
26	903·18	906·75	903·63	907·22	904·21	902·04	902·46	905·86	905·51	904·96	904·60	901·26
27	903·61	906·69	903·40	907·10	904·10	901·96	902·51	905·98	905·38	904·95	904·62	901·22
28	904·03	906·50	903·39	906·90	903·98	901·86	902·54	906·06	905·30	904·94	904·63	901·11
29	904·58	906·30	903·65	906·72	903·79	901·80	902·56	906·11	905·21	904·92	.....	901·10
30	904·88	906·18	904·06	906·58	903·68	901·85	902·56	906·20	905·17	904·90	.....	900·92
31	.....	906·10	.....	906·42	903·59	.....	902·60	.....	905·10	904·86	.....	900·76

Elevations above M.S.L. of Montreal River at Latchford, for 1913–14.

GAUGE NO. 2 BELOW DAM. TABLE NO. 24.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·12	900·83	900·80
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·12	900·82	900·84
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·13	900·93	900·85
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·12	900·98	901·09
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·84	900·98	901·10
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·84	900·98	901·15
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·82	900·46	901·08
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·67	900·51	900·98
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	900·83	900·47	900·90
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	900·90	900·42	900·95
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·12	900·41	902·45
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·27	900·37	902·25
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·14	900·37	902·05
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·13	900·42	901·70
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·16	900·40	901·54
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·07	900·39	901·45
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·12	900·36	901·35
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·10	900·35	900·99
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	901·07	900·35	900·87
20	.....	.....	.....	.....	.....	.....	.....	.....	901·22	900·92	900·36	900·55
21	.....	.....	.....	.....	.....	.....	.....	.....	901·02	900·95	900·37	900·54
22	.....	.....	.....	.....	.....	.....	.....	.....	901·54	900·97	900·23	900·45
23	.....	.....	.....	.....	.....	.....	.....	.....	901·17	900·92	900·25	900·41
24	.....	.....	.....	.....	.....	.....	.....	.....	900·87	900·89	900·37	900·35
25	.....	.....	.....	.....	.....	.....	.....	.....	900·90	900·75	900·50	900·38
26	.....	.....	.....	.....	.....	.....	.....	.....	900·93	900·68	900·52	900·20
27	.....	.....	.....	.....	.....	.....	.....	.....	901·24	900·74	900·61	900·23
28	.....	.....	.....	.....	.....	.....	.....	.....	901·02	900·77	900·62	900·23
29	.....	.....	.....	.....	.....	.....	.....	.....	901·12	900·89	.....	900·15
30	.....	.....	.....	.....	.....	.....	.....	.....	901·22	900·88	.....	900·18
31	.....	.....	.....	.....	.....	.....	.....	.....	901·22	900·72	.....	900·16

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Montreal River at Latchford, for 1914–15.

GAUGE No. 2 BELOW DAM. TABLE No. 25.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	900·15	903·15	902·05	900·23	899·98	899·66	899·37	899·24	899·38	899·32	899·54	899·62
2	900·18	903·36	901·60	899·95	899·95	899·69	899·34	899·30	899·39	899·31	899·54	899·60
3	900·18	903·65	901·79	899·69	899·95	899·66	899·33	899·35	899·39	899·30	899·53	899·58
4	900·16	903·90	901·75	899·85	899·95	899·65	899·32	899·40	899·41	899·29	899·60	899·65
5	900·15	903·95	902·13	900·01	899·93	999·64	899·32	899·42	899·43	899·47	899·61	899·64
6	900·14	904·15	901·45	899·95	899·86	899·63	899·32	899·46	899·45	899·44	899·59	899·60
7	900·13	904·35	902·03	899·90	899·86	899·64	899·52	899·47	899·45	899·46	899·59	899·57
8	900·14	904·44	901·87	899·95	899·84	899·60	899·50	899·52	899·46	899·48	899·59	899·59
9	900·14	903·90	901·86	900·00	899·84	899·60	899·43	899·45	899·32	899·48	899·65	899·65
10	900·14	904·00	902·83	900·10	899·83	899·58	899·45	899·40	899·33	899·49	899·68	899·63
11	900·14	903·89	901·67	900·03	899·81	899·57	899·45	899·39	899·33	899·51	899·68	899·60
12	900·14	904·33	902·57	900·23	899·80	899·55	899·47	899·40	899·33	899·52	899·60	899·57
13	900·14	903·00	902·55	900·00	899·76	899·54	899·45	899·40	899·33	899·55	899·62	899·62
14	900·10	903·11	902·52	899·98	899·76	899·52	899·45	899·41	899·32	899·55	899·60	899·58
15	900·10	902·70	902·59	899·85	899·75	899·60	899·45	899·44	899·50	899·55	899·62	899·56
16	900·12	903·25	902·50	899·89	899·74	899·56	899·47	899·45	899·47	899·73	899·60	899·49
17	900·15	903·15	902·20	900·10	899·73	899·55	899·47	899·45	899·45	899·56	899·60	899·52
18	900·23	903·05	902·64	900·14	899·71	899·53	899·49	899·45	899·44	899·56	899·60	899·65
19	900·29	902·47	902·74	900·00	899·71	899·51	899·51	899·25	899·43	899·56	899·60	899·63
20	900·45	902·20	902·93	900·00	899·68	899·51	899·53	899·03	899·58	899·56	899·59	899·59
21	900·55	902·33	902·91	899·98	899·68	899·25	899·54	899·11	899·55	899·58	899·59	899·55
22	900·67	902·34	902·92	899·99	899·67	899·31	899·34	899·16	899·53	899·58	899·59	899·54
23	900·84	901·70	900·63	899·98	899·66	899·48	899·41	899·20	899·52	899·59	899·45	899·50
24	900·86	901·78	900·35	899·98	899·65	899·48	899·41	899·22	899·50	899·59	899·48	899·49
25	901·15	901·97	900·35	899·98	899·65	899·90	899·45	899·26	899·48	899·59	899·48	899·47
26	901·53	902·05	900·36	899·97	899·79	899·43	899·46	899·46	899·45	899·58	899·48	899·45
27	901·91	901·93	900·95	899·97	899·75	899·43	899·50	899·29	899·43	899·58	899·48	899·44
28	902·25	901·90	899·95	900·16	899·74	899·39	899·70	899·30	899·40	899·58	899·47	899·42
29	902·65	901·88	900·15	900·03	899·71	899·38	899·71	899·33	899·39	899·58	.....	899·42
30	902·92	902·24	899·73	900·03	899·69	899·38	899·71	899·35	899·37	899·56	.....	899·58
31	.....	902·20	.....	899·98	899·65	.....	899·51	.....	899·36	899·55	.....	899·54

Elevations above M.S.L. of Montreal River at Empire Mill, for 1909–10.

TABLE No. 26.

1	.....	.....	.....	.....	895·25	894·72	895·20	895·50	895·55	895·70	894·85	894·55
2	.....	.....	.....	.....	895·23	894·80	895·22	895·52	895·60	895·67	894·85	894·55
3	.....	.....	.....	.....	895·20	894·90	895·25	895·50	895·60	895·70	894·75	894·65
4	.....	.....	.....	.....	895·15	895·05	895·35	895·50	895·57	895·70	894·75	894·65
5	.....	.....	.....	.....	895·10	895·12	895·37	895·47	895·55	895·67	894·75	894·65
6	.....	.....	.....	.....	895·05	895·20	895·57	895·52	895·55	895·65	894·85	894·75
7	.....	.....	.....	.....	895·05	895·26	895·72	895·50	895·60	895·65	894·85	894·85
8	.....	.....	.....	.....	895·05	895·20	895·72	895·50	895·62	895·60	894·85	894·95
9	.....	.....	.....	.....	894·95	895·25	895·75	895·50	895·65	895·55	894·75	895·05
10	.....	.....	.....	.....	894·85	895·25	895·80	895·50	895·67	895·45	894·75	895·15
11	.....	.....	.....	.....	894·80	895·25	895·85	895·55	895·75	895·40	894·75	895·25
12	.....	.....	.....	.....	894·75	895·25	895·75	895·57	895·80	895·35	894·75	895·25
13	.....	.....	.....	.....	894·80	895·20	895·77	895·55	895·82	895·30	894·75	895·35
14	.....	.....	.....	.....	894·60	895·20	895·70	895·52	895·85	895·25	894·75	895·55
15	.....	.....	.....	.....	894·60	895·20	895·65	895·50	895·82	895·25	894·75	895·85
16	.....	.....	.....	.....	894·60	895·15	895·57	895·55	895·80	895·25	894·75	896·25
17	.....	.....	.....	.....	894·60	895·15	895·52	895·55	895·80	895·20	894·65	896·45
18	.....	.....	.....	.....	894·60	895·15	895·50	895·35	895·78	895·20	894·65	896·75
19	.....	.....	.....	895·65	894·60	895·15	895·62	895·35	895·75	895·15	894·65	897·15
20	.....	.....	.....	895·65	894·60	895·15	895·62	895·35	895·75	895·15	894·65	897·25
21	.....	.....	.....	895·60	894·60	895·15	895·50	895·35	895·72	895·05	894·65	897·35
22	.....	.....	.....	895·60	894·60	895·15	895·45	895·60	895·75	895·05	894·65	897·35
23	.....	.....	.....	895·45	894·60	895·20	895·42	895·57	895·75	895·05	894·65	897·45
24	.....	.....	.....	895·45	894·65	895·20	895·40	895·55	895·75	895·05	894·55	897·45
25	.....	.....	.....	895·40	894·65	895·25	895·45	895·55	895·72	894·95	894·55	897·55
26	.....	.....	.....	895·40	894·67	895·25	895·52	895·60	895·70	894·95	894·55	897·55
27	.....	.....	.....	895·40	894·70	895·20	895·52	895·60	895·72	894·95	894·55	897·65
28	.....	.....	.....	895·35	894·70	895·20	895·50	895·57	895·72	894·95	894·55	897·65
29	.....	.....	.....	895·35	894·67	895·15	895·50	895·55	895·75	894·85	.....	897·75
30	.....	.....	.....	895·33	894·65	895·15	895·45	895·55	895·75	894·85	.....	897·85
31	.....	.....	.....	895·33	894·65	.....	895·50	.....	895·72	894·85	.....	898·05

Elevations above M.S.L. of Montreal River at Empire Mill, for 1910–11.

TABLE NO. 27.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	898·15	899·95	897·95	895·84	894·86	895·20	894·85	896·95	896·02	894·85	894·37	896·72
2	898·15	899·85	898·16	895·75	894·95	895·09	894·90	896·93	895·95	894·84	894·42	896·72
3	898·35	899·75	898·25	895·70	894·98	895·03	895·00	897·10	895·85	894·77	894·42	896·72
4	898·45	899·55	898·50	895·55	895·05	895·00	895·10	897·25	895·80	894·73	894·42	896·72
5	898·55	899·35	898·47	895·45	895·07	894·95	895·20	897·65	895·55	894·68	894·57	896·77
6	898·60	898·95	898·55	895·30	895·13	894·87	895·37	897·86	895·55	894·65	894·82	896·82
7	898·65	898·75	898·55	895·32	895·21	894·75	895·60	898·03	895·50	894·60	895·07	896·77
8	898·80	898·55	898·35	895·20	895·33	894·65	895·75	897·96	895·48	894·67	895·37	896·77
9	898·85	898·45	898·15	895·20	895·15	894·56	896·02	897·94	895·47	894·83	895·77	896·82
10	898·95	898·35	897·85	895·15	895·23	894·54	896·35	897·87	895·45	894·71	896·22	896·67
11	899·10	898·20	897·75	895·15	895·20	894·52	896·43	897·85	895·45	894·60	896·82	897·67
12	899·15	897·95	897·75	895·13	895·15	894·57	896·35	897·80	895·35	894·55	896·82	896·77
13	899·15	897·85	897·65	895·13	895·07	894·55	896·15	897·75	895·35	894·50	896·82	896·72
14	898·05	897·65	897·61	895·05	895·15	894·47	896·05	897·67	895·40	894·45	896·82	896·67
15	898·35	897·45	897·50	895·05	895·10	894·46	895·95	897·55	895·45	894·47	896·77	896·67
16	898·75	897·35	897·35	895·10	895·05	894·42	895·94	897·50	895·34	894·47	896·77	896·67
17	899·15	897·25	897·25	895·05	894·95	894·35	896·12	897·43	895·34	894·47	896·82	896·72
18	899·25	897·15	897·15	895·03	894·89	894·36	895·90	897·36	895·25	894·47	896·87	896·72
19	899·25	897·13	897·05	894·80	894·85	894·35	895·87	897·25	895·15	894·42	896·87	896·77
20	899·25	897·05	896·96	894·65	894·70	894·32	895·87	897·20	895·15	894·42	896·87	896·82
21	899·30	897·03	896·75	894·64	894·65	894·32	895·85	897·08	895·11	894·42	896·82	896·82
22	899·35	896·95	896·64	894·65	894·65	894·25	895·96	897·03	895·10	894·42	896·77	896·77
23	899·35	896·90	896·55	894·63	894·56	894·25	896·35	896·95	895·09	894·42	896·77	896·72
24	899·35	896·92	896·45	894·56	894·50	894·23	896·91	896·83	895·08	894·42	896·72	896·72
25	899·45	897·05	896·25	894·63	894·64	894·29	896·95	896·72	895·09	894·42	896·72	896·72
26	899·49	897·05	896·20	894·64	894·69	894·33	896·95	896·48	895·07	894·37	896·77	896·77
27	900·55	897·35	896·15	894·64	894·75	894·47	896·98	896·36	895·03	894·37	896·87	896·87
28	900·35	897·45	896·05	894·60	894·95	894·45	897·05	896·27	895·00	894·37	896·77	896·77
29	900·00	897·52	895·95	894·55	895·15	894·55	897·03	896·16	894·95	894·37	.....	896·77
30	899·95	897·61	895·90	894·65	895·15	894·70	896·95	896·05	894·91	894·37	.....	896·77
31	.....	897·75	.....	894·75	895·24	.....	896·92	.....	894·85	894·37	.....	896·77

Elevations above M.S.L. of Montreal River at Empire Mill, for 1911–12.

TABLE No. 28.

1	896·77	903·57	900·77	898·62	897·81	897·22	896·62	897·52	898·47	898·67	897·62	897·37
2	896·82	904·22	900·57	898·47	897·62	897·17	897·02	897·52	898·52	898·57	897·62	897·37
3	896·87	903·77	900·37	898·37	897·57	897·17	896·97	897·47	898·57	898·52	897·57	897·32
4	896·72	903·62	900·27	898·21	897·50	897·17	897·07	897·42	898·72	898·47	897·57	897·27
5	896·77	903·52	900·17	898·09	897·44	897·17	897·12	897·57	898·67	898·47	897·57	897·22
6	896·77	903·42	900·07	897·97	897·43	897·12	896·97	897·47	898·52	898·42	897·52	897·17
7	896·77	903·37	899·57	897·92	897·46	897·12	896·82	897·42	898·47	898·42	897·47	897·17
8	896·82	903·32	899·27	897·82	897·45	897·12	896·82	897·42	898·37	898·42	897·42	897·17
9	896·82	903·07	899·87	897·83	897·41	897·07	896·92	897·57	898·37	898·37	897·42	897·17
10	896·92	903·17	899·62	897·72	897·35	897·07	896·57	897·52	898·32	898·37	897·32	897·12
11	896·82	903·22	899·52	897·62	897·79	897·17	896·52	897·52	898·47	898·32	897·32	897·12
12	896·82	903·32	899·57	897·53	897·85	897·07	896·42	897·62	898·47	898·27	897·22	897·12
13	896·87	903·12	899·82	897·48	897·87	897·02	896·32	898·07	898·67	898·17	897·22	897·12
14	896·97	903·07	900·07	897·37	897·92	896·97	896·22	898·17	898·77	.....	897·22	897·07
15	897·12	903·12	901·37	897·33	897·92	896·97	896·27	898·37	898·87	.....	897·17	897·07
16	897·17	902·42	901·02	897·37	897·82	896·92	896·57	898·77	898·97	.....	897·17	897·07
17	897·27	902·52	900·92	897·42	897·77	896·97	896·32	898·77	899·12	.....	897·17	897·02
18	897·27	902·47	900·87	897·22	897·72	897·07	895·77	898·77	899·12	.....	897·17	896·97
19	897·27	902·37	900·77	897·17	897·67	896·92	895·47	898·77	899·02	.....	897·12	896·87
20	897·57	902·32	900·57	897·07	897·72	896·92	895·02	898·77	899·02	.....	897·17	896·77
21	897·77	901·27	900·37	897·17	897·67	896·92	895·12	898·72	898·97	898·02	897·22	896·72
22	898·02	900·67	900·32	897·07	897·57	896·87	895·27	898·72	898·92	898·02	897·22	896·57
23	898·37	901·67	900·02	897·27	897·47	896·87	896·17	898·72	898·92	897·92	897·22	896·42
24	898·62	901·57	899·87	897·32	897·47	896·82	896·82	898·72	898·92	897·87	897·27	896·47
25	899·07	901·57	899·67	897·42	897·42	896·77	897·17	898·67	898·87	897·82	897·27	896·47
26	899·77	901·42	899·47	897·52	897·37	896·77	897·37	898·62	898·87	897·77	897·32	896·52
27	901·07	901·37	899·37	897·62	897·27	896·72	897·47	898·62	898·87	897·77	897·37	896·52
28	901·77	901·27	899·22	897·77	897·42	896·67	897·47	898·57	898·77	897·77	897·47	896·57
29	902·47	901·22	899·07	897·62	897·32	896·67	897·52	898·57	898·72	897·77	897·42	896·62
30	903·07	901·07	898·77	897·77	897·32	896·67	897·67	898·52	898·67	897·72	.....	896·57
31	.....	900·87	.....	897·83	897·27	.....	897·57	.....	898·62	897·67	.....	896·57

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Montreal River at Empire Mill, for 1912–13.

TABLE No. 29

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	896·52	901·58	902·38	899·08	897·44	897·42	897·14	898·15	897·70	896·90	894·89	894·65
2	896·50	901·70	902·28	898·96	897·39	897·36	897·07	897·88	897·64	896·97	895·07	894·66
3	896·47	901·80	902·18	898·83	897·32	897·18	897·03	898·10	897·45	896·74	895·15	894·64
4	896·43	901·88	901·98	898·71	897·25	897·06	897·03	898·03	897·45	896·75	895·05	894·65
5	896·26	901·89	901·79	898·65	897·20	897·04	897·03	897·87	897·45	896·73	894·90	894·65
6	896·16	901·91	901·68	898·60	897·10	897·17	897·19	897·93	897·45	896·94	894·82	894·65
7	896·22	901·94	901·49	898·55	897·03	897·08	897·20	898·00	897·45	896·75	894·80	894·65
8	896·30	901·98	901·38	898·52	897·03	897·47	896·93	897·93	897·60	896·60	894·80	894·67
9	896·41	902·00	901·28	898·50	897·08	897·33	896·97	897·89	897·56	896·50	894·80	894·65
10	896·50	902·01	901·09	898·48	897·07	897·13	896·87	898·15	897·38	896·41	894·87	895·01
11	896·62	901·98	900·98	898·47	897·40	897·13	896·91	898·00	897·38	896·35	894·83	894·87
12	896·76	902·18	900·89	898·45	897·30	896·98	897·00	897·90	897·38	896·75	894·75	894·75
13	896·90	902·50	900·68	898·43	897·21	897·13	897·13	897·80	897·38	896·70	894·75	894·78
14	897·06	902·58	900·58	898·38	897·27	897·03	897·15	897·88	897·35	896·45	894·80	894·65
15	897·22	902·88	900·48	898·32	897·34	.....	896·99	897·80	898·15	896·18	894·95	894·69
16	897·41	902·98	900·38	898·25	897·33	897·22	896·85	897·57	898·15	895·85	894·78	894·73
17	897·58	903·09	900·33	898·18	897·18	897·10	896·73	897·78	897·30	895·57	894·76	894·94
18	897·84	903·18	900·28	898·13	897·26	897·01	896·84	897·70	897·30	895·45	894·73	894·94
19	898·16	903·28	900·23	898·05	897·33	897·02	896·93	897·53	897·25	896·04	894·67	894·94
20	898·21	903·38	900·18	898·00	897·02	896·97	897·23	897·47	897·22	896·04	894·68	894·95
21	898·28	903·29	900·08	897·98	896·98	896·95	897·15	897·55	897·15	895·74	894·66	894·96
22	898·58	903·19	900·10	897·95	896·98	897·42	896·95	897·68	897·37	895·55	894·60	895·05
23	898·98	903·18	899·98	897·90	896·97	897·30	897·13	897·60	897·24	895·25	894·68	894·92
24	899·13	903·08	899·88	897·86	896·86	897·20	897·27	897·85	897·08	895·13	894·72	895·35
25	899·23	902·88	899·75	897·80	897·20	897·31	897·50	897·70	897·25	895·01	894·80	895·33
26	899·28	902·78	899·64	897·76	897·17	898·31	897·73	897·48	897·24	894·95	894·88	895·33
27	900·08	902·59	899·53	897·72	896·94	898·28	898·30	897·48	897·13	896·34	894·71	895·23
28	900·48	902·68	899·41	897·67	896·99	897·28	898·31	897·50	897·02	895·15	894·67	895·17
29	900·98	902·68	899·28	897·63	896·97	897·61	898·15	897·50	897·24	894·95	.....	895·17
30	901·38	902·58	899·19	897·58	896·99	898·30	898·23	897·45	897·08	894·93	.....	895·40
31	.....	902·48	.....	897·50	896·96	.....	898·07	.....	896·85	894·93	.....	895·89

Elevations above M.S.L. of Montreal River at Empire Mill, for 1913–14.

TABLE No. 30.

1	895·73	905·37	900·45	898·40	897·24	896·07	894·63	899·35	900·80	899·57	898·67	898·70
2	895·86	905·30	900·42	898·15	897·18	896·25	894·66	899·35	900·20	899·54	898·85	899·06
3	895·98	905·17	900·39	897·55	897·23	895·97	894·65	899·20	900·36	899·59	899·07	899·50
4	895·80	904·97	900·37	896·85	897·85	895·50	894·59	899·08	900·48	899·65	899·09	899·60
5	895·70	904·95	900·35	896·58	897·15	896·37	894·60	899·27	900·16	899·90	899·09	899·77
6	895·95	904·77	900·35	896·90	897·05	894·83	894·87	899·45	900·10	899·73	898·99	899·71
7	896·30	904·72	900·43	897·80	897·00	894·80	894·79	899·24	900·27	900·39	899·19	899·77
8	896·39	904·51	900·43	898·00	897·04	895·20	894·75	899·13	900·18	900·07	899·55	899·72
9	896·65	904·40	900·43	897·37	897·15	894·95	894·64	899·13	900·29	898·60	899·78	899·60
10	896·78	904·24	900·41	897·47	897·45	894·98	894·61	899·58	900·08	898·63	898·91	899·60
11	896·95	903·99	900·17	897·45	897·65	895·04	894·55	899·50	900·10	899·55	898·86	899·38
12	897·16	903·75	900·05	897·43	898·37	894·95	894·58	899·54	900·15	899·38	898·75	899·37
13	897·45	903·47	899·97	897·69	897·70	894·95	894·77	899·78	900·18	899·23	898·94	899·07
14	897·85	903·30	899·90	897·90	896·98	894·83	894·60	899·86	900·35	899·35	898·93	898·95
15	897·83	903·05	899·95	898·09	896·68	894·93	894·60	899·78	900·17	899·47	898·95	898·94
16	897·95	902·85	899·81	898·35	896·70	894·78	894·63	900·02	900·13	899·46	899·27	898·74
17	898·34	902·60	899·71	897·51	896·75	894·74	894·64	899·75	900·07	899·48	898·85	898·27
18	899·01	904·45	899·57	897·58	896·77	894·70	894·83	899·78	901·15	899·39	898·67	898·02
19	899·65	904·25	899·44	898·55	896·45	894·67	894·86	899·75	901·04	899·33	898·54	897·58
20	900·15	904·01	899·35	898·54	896·52	894·65	896·10	899·67	899·70	899·13	898·35	897·32
21	901·40	903·75	899·25	898·27	896·15	894·68	897·04	899·80	899·88	899·05	898·31	897·04
22	900·61	903·64	899·22	898·23	896·06	895·06	897·95	899·77	899·61	899·04	898·27	897·64
23	901·05	904·43	899·19	898·10	896·43	894·95	898·90	900·24	899·85	899·13	898·44	897·85
24	901·85	904·33	898·97	898·05	896·25	894·75	899·07	900·15	899·18	899·16	898·16	897·66
25	902·77	901·25	898·95	897·94	896·30	894·69	899·15	900·09	899·27	899·23	898·30	896·53
26	903·73	901·06	898·81	897·85	895·50	894·70	899·45	900·32	899·33	899·01	898·33	896·11
27	904·50	900·95	898·75	897·88	895·45	894·70	899·06	900·47	899·16	898·87	898·14	897·20
28	905·20	900·82	898·65	897·84	895·27	894·60	899·06	900·59	899·15	898·93	897·91	896·99
29	905·43	900·70	898·70	897·45	895·16	894·90	899·08	900·59	899·73	898·43	.....	895·70
30	905·46	900·57	898·58	897·24	895·10	894·75	899·30	900·55	899·57	898·57	.....	896·66
31	.....	900·47	.....	897·24	894·13	.....	899·15	.....	899·55	898·38	.....	896·15

Elevations above M.S.L. of Montreal River at Empire Mill, for 1914–15.

TABLE No. 31.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	895·89	901·76	900·64	895·63	895·97	897·21	895·53	897·51	896·44	897·22	897·64	896·66
2	896·29	901·04	900·56	896·52	897·03	897·03	895·48	897·39	896·60	897·65	897·26	896·52
3	894·89	902·08	900·39	896·40	897·73	896·78	895·20	897·21	896·85	896·31	897·22	896·31
4	894·82	902·66	900·11	896·33	897·34	896·73	895·29	896·70	897·03	896·03	897·13	896·33
5	894·88	902·84	900·78	897·10	897·24	896·60	895·43	896·68	897·25	896·01	896·95	896·23
6	895·23	903·13	899·25	897·03	896·78	896·68	895·03	896·37	897·76	895·90	896·76	896·27
7	895·18	903·32	900·24	896·58	896·23	896·73	895·23	896·24	898·19	895·84	897·10	896·26
8	895·03	903·44	899·73	896·33	895·86	896·09	895·56	896·61	898·30	895·76	897·67	896·51
9	891·88	903·31	899·79	896·24	896·41	895·58	895·85	896·94	897·83	895·71	897·93	896·65
10	894·83	903·44	899·98	897·03	896·66	895·51	895·79	896·62	897·43	895·81	898·20	896·70
11	894·81	903·26	899·37	896·98	897·00	895·29	896·05	896·66	896·73	896·20	898·36	896·53
12	894·84	902·76	898·73	898·78	896·96	895·08	896·52	896·59	896·13	896·30	898·13	896·25
13	894·97	902·43	898·61	898·23	895·27	895·23	896·52	896·58	896·08	896·45	897·88	896·11
14	894·98	902·52	898·43	897·13	895·02	895·29	896·48	896·82	896·22	896·18	898·09	896·35
15	894·86	901·78	898·83	895·13	894·75	896·33	896·51	896·88	895·68	895·97	898·54	896·79
16	894·87	902·63	898·23	894·98	894·70	896·48	896·51	897·91	895·60	897·06	898·40	896·48
17	894·93	902·41	898·70	895·97	894·82	896·54	896·53	898·07	895·63	897·06	898·24	896·09
18	894·98	903·68	897·96	896·26	894·40	896·40	896·77	898·25	895·46	897·84	898·13	896·23
19	896·27	902·03	898·21	896·55	894·56	896·21	897·34	898·23	895·23	897·89	897·98	896·33
20	896·24	901·38	898·13	896·67	894·82	896·21	897·53	897·52	896·23	897·97	897·84	896·32
21	897·03	901·63	897·96	896·83	894·76	895·93	897·60	896·78	897·12	898·26	898·03	896·86
22	897·67	901·65	898·73	896·68	894·75	895·48	896·38	896·94	897·34	898·01	898·51	897·43
23	898·51	900·96	899·08	896·53	895·01	895·57	897·13	896·98	897·42	897·79	898·19	897·16
24	898·91	901·18	898·49	896·43	895·52	895·57	897·01	897·68	897·33	898·23	897·78	897·01
25	899·24	901·36	898·33	895·81	895·51	895·63	896·77	896·24	897·40	898·71	897·41	896·76
26	899·93	901·33	898·31	895·66	895·82	895·58	896·88	896·04	898·16	898·37	897·01	896·32
27	900·30	901·18	898·84	896·23	896·19	895·72	896·53	895·89	898·13	898·08	896·57	895·74
28	900·74	901·16	897·44	896·27	896·42	896·11	897·02	895·77	898·04	897·71	896·43	895·97
29	901·20	900·97	897·14	896·43	896·53	895·74	897·45	895·93	897·85	897·41	.....	896·23
30	901·51	900·73	895·62	896·23	896·91	895·64	897·74	896·48	897·58	897·04	.....	896·48
31	.....	900·86	.....	896·23	897·18	.....	897·63	.....	897·05	897·10	.....	896·67

Elevations above M.S.L. of Montreal River at Gillies Depot, for 1913–14.

TABLE No. 32.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	896·70	898·10	898·06
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	896·66	898·26	898·62
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	896·43	898·49	898·82
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	896·88	898·50	898·92
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	896·72	898·52	899·01
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	897·04	898·44	898·96
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	897·22	898·57	898·91
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	897·24	898·67	898·85
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	895·72	898·60	898·81
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	895·74	898·59	898·77
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	896·26	898·46	898·64
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	896·07	898·30	898·29
13	.....	.....	.....	.....	.....	.....	.....	.....	897·31	896·09	898·25	898·14
14	.....	.....	.....	.....	.....	.....	.....	.....	897·52	896·08	898·19	898·03
15	.....	.....	.....	.....	.....	.....	.....	.....	897·33	896·11	897·93	898·10
16	.....	.....	.....	.....	.....	.....	.....	.....	897·32	896·14	898·03	897·78
17	.....	.....	.....	.....	.....	.....	.....	.....	897·60	896·25	898·15	897·32
18	.....	.....	.....	.....	.....	.....	.....	.....	897·95	896·26	898·16	896·88
19	.....	.....	.....	.....	.....	.....	.....	.....	897·76	896·24	898·09	896·59
20	.....	.....	.....	.....	.....	.....	.....	.....	896·77	896·14	898·00	896·41
21	.....	.....	.....	.....	.....	.....	.....	.....	897·15	896·04	897·85	896·29
22	.....	.....	.....	.....	.....	.....	.....	.....	896·75	895·95	897·71	897·00
23	.....	.....	.....	.....	.....	.....	.....	.....	896·75	896·14	897·69	896·79
24	.....	.....	.....	.....	.....	.....	.....	.....	896·71	896·11	897·61	896·36
25	.....	.....	.....	.....	.....	.....	.....	.....	896·45	896·16	897·45	895·47
26	.....	.....	.....	.....	.....	.....	.....	.....	896·50	896·42	897·22	895·36
27	.....	.....	.....	.....	.....	.....	.....	.....	896·69	895·71	897·14	895·39
28	.....	.....	.....	.....	.....	.....	.....	.....	896·57	895·73	897·16	894·86
29	.....	.....	.....	.....	.....	.....	.....	.....	896·77	895·45	.....	895·19
30	.....	.....	.....	.....	.....	.....	.....	.....	896·73	895·38	.....	896·01
31	.....	.....	.....	.....	.....	.....	.....	.....	896·69	897·79	.....	895·51

Elevations above M.S.L. of Montreal River at Gillies Depot, for 1914–15.

TABLE No. 33.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	895·38	900·52	899·86	894·46	895·43	896·88	895·32	897·51	896·39	896·85	897·54	896·49
2	894·41	900·71	899·62	896·10	896·75	896·73	895·06	897·39	896·60	896·49	897·23	896·26
3	893·93	900·84	899·58	895·95	897·41	896·68	894·96	897·21	896·76	896·17	896·94	896·14
4	893·88	901·01	899·40	895·85	897·10	896·65	895·13	896·79	896·95	895·96	896·88	895·95
5	893·90	901·21	899·34	896·54	896·91	896·56	895·28	896·56	897·14	895·80	896·76	895·76
6	894·27	901·39	898·93	896·58	896·62	896·71	894·90	896·30	897·68	895·74	896·62	895·69
7	894·24	901·51	899·54	896·11	896·48	896·58	895·03	896·27	898·09	895·73	896·80	896·00
8	893·95	901·64	899·17	895·83	896·38	895·89	895·46	896·51	898·13	895·67	897·65	896·38
9	892·95	901·62	899·35	895·75	895·92	895·52	895·65	896·82	897·82	895·57	897·79	896·46
10	892·56	901·63	899·34	896·45	896·47	895·42	895·58	896·63	897·38	895·77	897·97	896·47
11	892·38	901·50	898·91	896·68	895·86	895·15	895·89	896·67	896·63	896·42	898·24	896·31
12	893·04	901·28	898·36	898·32	895·48	894·98	896·41	896·66	896·02	896·36	897·95	896·05
13	893·90	901·08	898·03	897·98	894·74	895·51	896·41	896·63	896·05	896·38	897·76	895·89
14	893·84	900·79	897·59	897·23	894·48	896·10	896·38	896·78	896·26	896·37	898·02	896·26
15	892·78	901·08	897·84	896·40	893·82	896·25	896·41	897·30	895·63	896·78	898·39	896·60
16	892·90	901·13	897·58	895·74	894·00	896·41	896·41	897·97	895·53	897·14	898·20	896·25
17	893·07	901·10	897·60	896·26	894·15	896·50	896·40	898·15	895·48	897·68	898·09	895·82
18	893·69	900·90	897·56	896·65	893·43	896·26	896·80	898·10	895·37	897·99	897·94	895·79
19	893·74	900·61	897·76	896·21	893·86	896·08	897·29	897·90	895·50	898·05	897·84	896·15
20	895·13	900·41	897·78	896·33	894·20	896·00	897·45	897·33	896·59	898·10	897·84	896·10
21	896·08	900·51	898·51	896·46	894·16	895·86	897·52	897·00	897·15	897·98	898·06	896·69
22	897·07	900·38	898·43	896·29	893·64	895·45	897·32	896·91	897·58	897·89	898·33	897·13
23	898·03	900·04	898·44	896·11	894·56	895·40	897·05	897·00	897·92	897·86	897·94	897·01
24	898·49	900·15	898·07	895·40	895·11	895·42	896·89	896·55	897·96	898·42	897·61	896·95
25	898·74	900·26	897·68	895·24	895·20	895·51	896·84	896·23	897·99	898·56	897·19	896·28
26	899·31	900·28	897·84	895·40	895·46	895·42	896·83	896·00	898·02	898·27	896·79	895·68
27	899·54	900·19	898·64	895·83	895·83	895·69	896·82	895·73	898·04	897·90	896·18	895·92
28	899·83	900·12	897·23	895·72	896·06	895·98	896·94	895·69	897·98	897·56	896·24	896·26
29	900·06	900·05	896·67	895·88	896·28	895·72	897·51	896·12	897·67	897·14	.....	896·23
30	900·34	899·93	895·16	895·79	896·93	895·50	897·76	896·46	897·49	896·80	.....	896·36
31	.....	899·98	.....	895·75	896·93	.....	897·63	.....	897·23	897·23	.....	895·75

Elevations above M.S.L. of Kipawa River below Kipawa Dam, for 1912–13.

TABLE No. 34

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	.....	.....	.....	.....	.....	.....	866·17	866·37	865·99	870·95	.....	868·89
2	.....	.....	.....	.....	.....	.....	866·16	866·37	866·00	870·93	.....	868·83
3	.....	.....	.....	.....	.....	.....	866·15	866·37	866·00	870·91	.....	868·79
4	.....	.....	.....	.....	.....	.....	866·12	866·37	866·01	870·89	.....	868·75
5	.....	.....	.....	.....	.....	.....	866·13	866·37	866·01	870·86	.....	868·71
6	.....	.....	.....	.....	.....	.....	866·14	866·37	866·02	870·84	.....	868·69
7	.....	.....	.....	.....	.....	.....	866·14	866·42	866·02	870·81	869·73	868·67
8	.....	.....	.....	.....	.....	.....	866·17	866·42	866·02	870·79	869·71	868·65
9	.....	.....	.....	.....	.....	.....	866·17	866·42	866·03	870·79	869·68	868·64
10	.....	.....	.....	.....	.....	.....	866·18	866·42	866·03	870·79	869·62	868·62
11	.....	.....	.....	.....	.....	.....	866·19	866·42	866·03	870·78	869·58	868·60
12	.....	.....	.....	.....	.....	.....	866·20	865·91	866·03	870·77	869·55	868·58
13	.....	.....	.....	.....	.....	.....	866·21	865·91	866·03	870·77	869·52	868·56
14	.....	.....	.....	.....	.....	.....	866·22	865·92	866·04	870·77	869·49	868·54
15	.....	.....	.....	.....	.....	.....	866·23	865·92	866·04	870·76	869·47	868·52
16	.....	.....	.....	.....	.....	.....	866·24	865·92	866·04	870·76	869·44	868·51
17	.....	.....	.....	.....	.....	.....	866·24	865·92	866·04	870·76	869·40	868·49
18	.....	.....	.....	.....	.....	.....	866·27	865·93	866·05	870·75	869·35	868·48
19	.....	.....	.....	.....	.....	.....	866·27	865·93	866·05	870·75	869·31	868·47
20	.....	.....	.....	.....	.....	.....	866·27	865·94	870·23	870·74	869·28	868·47
21	.....	.....	.....	.....	.....	.....	866·29	865·94	871·23	870·74	869·24	868·46
22	.....	.....	.....	.....	.....	.....	866·29	865·94	871·23	870·73	869·20	868·44
23	.....	.....	.....	.....	.....	.....	866·32	865·95	871·23	870·73	869·16	868·41
24	.....	.....	.....	.....	.....	.....	866·32	865·96	871·21	870·72	869·11	868·39
25	.....	.....	.....	.....	.....	.....	866·32	865·96	871·18	870·72	869·06	868·36
26	.....	.....	.....	.....	.....	.....	866·34	865·97	871·14	870·71	869·02	868·33
27	.....	.....	.....	.....	.....	.....	866·34	865·97	871·10	870·71	868·97	868·31
28	.....	.....	.....	.....	.....	.....	866·34	865·98	871·05	870·70	868·93	868·29
29	.....	.....	.....	.....	.....	.....	866·34	865·98	871·01	870·70	.....	868·27
30	.....	.....	.....	.....	.....	.....	866·37	865·99	870·99	870·69	.....	868·26
31	.....	.....	.....	.....	.....	.....	866·37	.....	870·97	870·69	.....	868·26

Elevations above M.S.L. of Kipawa River below Kipawa Dam, for 1913–14.

TABLE No. 35.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	868·26	865·56	866·10	866·36	867·63	868·57	866·09	866·08	866·14	866·89	870·12	870·13
2	867·20	865·58	866·11	866·36	867·61	868·55	866·09	866·08	866·15	866·87	870·11	870·09
3	865·33	865·61	866·12	866·35	867·56	868·54	866·09	866·08	866·15	866·84	870·10	870·05
4	865·33	865·64	866·13	866·35	867·52	868·53	866·08	866·09	866·15	866·83	870·10	870·58
5	865·32	865·67	866·15	866·35	867·50	868·52	866·08	866·09	866·16	866·82	870·08	871·20
6	865·32	865·70	866·16	866·34	867·48	868·51	866·08	866·09	866·16	867·05	870·07	871·16
7	865·32	865·72	866·18	866·34	867·46	868·48	866·08	866·09	866·16	867·25	870·05	871·11
8	865·31	865·75	866·20	866·34	867·45	868·47	866·07	866·09	866·17	867·23	869·99	871·07
9	865·30	865·77	866·22	866·33	867·40	868·45	866·07	866·09	866·17	867·23	869·93	871·03
10	865·29	865·79	866·25	866·33	867·36	868·43	866·07	866·09	866·17	867·23	869·91	870·99
11	865·28	865·82	866·28	866·33	867·34	868·41	866·07	866·10	866·18	867·23	869·89	870·95
12	865·27	865·84	866·31	866·32	867·30	868·38	866·08	866·10	866·18	867·23	869·88	870·91
13	865·26	865·86	866·32	866·32	867·27	868·37	866·08	866·10	866·18	867·23	869·86	870·89
14	865·26	865·89	866·33	866·31	867·25	868·34	866·08	866·10	866·19	867·23	869·84	870·87
15	865·25	865·91	866·34	866·30	867·24	867·89	866·09	866·11	866·19	867·23	869·81	870·84
16	865·25	865·93	866·35	866·29	967·23	866·79	866·09	866·11	866·19	867·23	869·77	870·81
17	865·25	865·94	866·36	866·27	867·21	866·11	866·09	866·11	866·19	867·23	869·73	870·77
18	865·26	865·95	866·37	866·26	867·18	866·09	866·09	866·11	866·19	867·23	869·72	870·72
19	865·27	865·96	866·38	866·24	867·17	866·09	866·09	866·11	866·20	867·23	869·69	870·68
20	865·29	865·97	866·39	866·22	867·15	866·10	866·08	866·12	866·20	867·23	869·67	870·65
21	865·30	865·98	866·40	866·20	868·31	866·10	866·08	866·12	866·20	867·23	869·66	870·63
22	865·32	866·00	866·39	866·19	869·03	866·10	866·08	866·12	866·20	867·23	869·63	870·48
23	865·33	866·01	866·39	866·18	868·66	866·09	866·08	866·12	866·21	867·23	869·62	870·28
24	865·35	866·02	866·38	866·17	868·63	866·09	866·08	866·12	866·34	867·22	869·60	870·08
25	865·38	866·03	866·38	866·16	868·61	866·09	866·09	866·12	866·53	867·21	869·90	869·88
26	865·39	866·04	866·37	866·15	868·60	866·10	866·09	866·13	866·53	867·20	870·21	869·75
27	865·41	866·05	866·37	866·14	868·60	866·10	866·09	866·13	866·53	867·96	870·19	869·64
28	865·46	866·06	866·37	866·93	868·59	866·10	866·09	866·14	866·51	869·43	870·16	869·57
29	865·50	866·07	866·36	867·73	868·59	866·10	866·09	866·14	866·62	870·19	.....	869·53
30	865·54	866·08	866·36	867·69	868·59	866·09	866·09	866·14	866·80	870·16	.....	869·49
31	.....	866·09	.....	867·65	868·58	.....	866·08	.....	866·90	870·15	.....	869·43

Elevations above M.S.L. of Kipawa River below Kipawa Dam, for 1914–15

TABLE No. 36.

1	869·15	865·39	865·75	865·90	865·79	867·01	865·48	865·42	865·37	865·38	865·37	865·37
2	869·08	865·40	865·76	865·90	865·78	867·00	865·48	865·42	865·37	865·38	865·37	865·37
3	869·04	865·41	865·76	865·90	865·78	866·98	865·47	865·42	865·37	865·37	865·37	865·37
4	869·03	865·43	865·77	865·89	865·78	866·97	865·47	865·42	865·37	865·37	865·37	865·37
5	868·98	865·45	865·78	865·89	865·78	867·96	865·47	865·42	865·38	865·37	865·37	865·36
6	868·93	865·46	865·79	865·88	865·77	868·98	865·47	865·42	865·38	865·38	865·38	865·36
7	868·89	865·48	865·79	865·87	865·77	868·92	865·46	865·42	865·37	865·38	865·39	865·36
8	868·83	865·50	865·80	865·87	865·77	868·86	865·46	865·41	865·38	865·38	865·38	865·36
9	868·81	865·52	865·80	865·86	865·76	868·82	865·46	865·41	865·38	865·38	865·38	865·36
10	868·74	865·54	865·80	865·85	865·76	868·79	865·46	865·40	865·38	865·37	865·37	865·36
11	868·73	865·55	865·80	865·85	865·76	868·77	865·47	865·39	865·38	865·37	865·37	865·36
12	868·69	865·56	865·80	865·84	865·76	868·75	865·47	865·38	865·38	865·37	865·37	865·36
13	868·67	865·57	865·80	865·83	865·75	868·72	865·46	865·38	865·38	865·37	865·37	865·36
14	868·22	865·59	865·81	865·83	865·75	868·68	865·46	865·38	865·38	865·37	865·37	865·36
15	866·45	865·62	865·81	865·83	865·75	868·65	865·45	865·37	865·38	865·37	865·38	865·36
16	865·25	865·65	865·81	865·82	865·75	868·60	865·45	865·37	865·38	865·37	865·38	865·36
17	865·25	865·65	865·81	865·82	865·75	867·44	865·45	865·37	865·38	865·37	865·37	865·36
18	865·25	865·65	865·81	865·82	865·74	865·52	865·45	865·37	865·38	865·37	865·37	865·36
19	865·26	865·66	865·82	865·82	865·73	865·52	865·46	865·38	865·38	865·37	865·37	865·36
20	865·26	865·66	865·82	865·82	865·73	865·52	865·46	865·38	865·38	865·36	865·37	865·36
21	865·26	865·67	865·83	865·82	865·72	865·51	865·45	865·38	865·37	865·37	865·36	865·36
22	865·26	865·67	865·84	865·81	865·72	865·50	865·44	865·37	865·37	865·37	865·36	865·36
23	865·27	865·68	865·84	865·81	865·71	865·50	865·44	865·37	865·37	865·37	865·36	865·36
24	865·27	865·69	865·85	865·80	865·70	865·50	865·44	865·37	865·37	865·37	865·36	865·36
25	865·28	865·70	865·86	865·80	865·69	865·50	865·42	865·37	865·37	865·37	865·36	865·36
26	865·32	865·71	865·87	865·80	865·69	865·49	865·43	865·38	865·37	865·37	865·36	865·36
27	865·32	865·73	865·87	865·80	865·69	865·49	865·43	865·38	865·37	865·37	865·36	865·36
28	865·33	865·74	865·88	865·80	865·68	865·49	865·43	865·38	865·38	865·37	865·37	865·36
29	865·35	865·75	865·89	865·79	865·68	865·47	865·43	865·38	865·38	865·37	.....	865·36
30	865·37	865·75	865·89	865·79	865·68	865·46	865·42	865·38	865·38	865·37	.....	865·36
31	.....	865·75	.....	865·79	866·35	.....	865·42	.....	865·38	865·37	.....	865·36

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1909–10.

TABLE No. 37.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	881·16	.....	876·96	875·61	873·96	873·20	873·81	.....	875·03	875·36
2	.....	.....	.....	879·06	876·91	875·36	873·91	873·23	.....	.....	875·06	875·36
3	.....	.....	.....	879·06	876·86	875·35	873·86	873·22	873·86	.....	875·06	875·36
4	.....	.....	.....	878·86	876·82	875·35	873·81	873·20	.....	.....	875·07	875·36
5	.....	.....	.....	878·76	876·78	875·34	873·76	873·19	873·88	.....	875·09	875·37
6	.....	.....	.....	878·66	876·76	875·22	873·68	873·18	.....	.....	875·10	875·37
7	.....	.....	.....	878·61	876·66	875·24	873·65	873·18	873·96	.....	875·12	875·38
8	.....	.....	881·48	878·46	876·58	875·21	873·58	873·18	.....	.....	875·14	875·39
9	.....	.....	.....	878·31	876·58	875·13	873·55	873·19	874·06	.....	875·15	875·40
10	.....	.....	.....	878·16	876·55	875·11	873·51	873·21	.....	.....	875·16	875·41
11	.....	.....	.....	878·06	876·44	875·06	873·45	873·23	874·11	.....	875·17	875·42
12	.....	.....	.....	877·99	876·36	875·01	873·43	873·26	.....	.....	875·18	875·43
13	.....	.....	.....	877·91	876·26	874·94	873·41	873·31	874·16	.....	875·20	875·44
14	.....	.....	.....	877·81	876·18	874·89	873·42	873·33	.....	.....	875·21	875·44
15	.....	.....	881·06	877·66	876·16	874·85	873·42	873·35	874·19	874·64	875·22	875·45
16	.....	.....	.....	877·56	876·16	874·83	873·40	873·36	.....	.....	875·24	875·45
17	.....	.....	.....	877·46	876·15	874·81	873·38	873·40	874·24	874·66	875·26	875·46
18	.....	.....	.....	877·51	876·06	874·71	873·36	873·44	.....	874·74	875·26	875·46
19	.....	.....	.....	877·36	876·04	874·66	873·34	873·46	.....	874·75	875·27	875·47
20	.....	.....	.....	877·26	876·03	874·56	873·32	873·46	.....	874·76	875·27	875·48
21	.....	.....	.....	877·08	875·91	874·51	873·31	873·56	.....	874·76	875·28	875·49
22	.....	.....	880·16	877·06	875·86	874·46	873·34	873·64	.....	874·86	875·28	875·49
23	.....	.....	.....	877·16	875·83	874·41	873·36	.....	.....	874·87	875·29	875·46
24	.....	.....	.....	877·17	875·66	874·36	873·29	.....	.....	874·87	875·29	875·56
25	.....	.....	.....	877·10	875·68	874·36	873·27	.....	.....	874·91	875·30	875·56
26	.....	.....	.....	877·06	875·64	874·28	873·26	.....	.....	874·93	875·31	875·56
27	.....	.....	.....	877·03	875·56	874·21	873·25	873·71	.....	874·95	875·36	.....
28	.....	.....	.....	876·96	875·52	874·13	873·25	.....	.....	874·97	875·36	875·56
29	.....	.....	.....	877·03	875·46	874·09	893·24	873·78	.....	874·98	.....	875·58
30	.....	.....	.....	877·01	875·41	874·06	873·23	.....	.....	874·99	.....	875·66
31	.....	.....	.....	877·00	875·36	.....	873·22	.....	.....	875·01	.....	875·71

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1910–11.

TABLE 38. No.

1	875·81	879·66	878·95	880·26	879·28	878·83	878·71	879·36	878·66	878·06	876·51	874·51
2	875·93	879·76	878·98	880·26	879·26	878·81	878·76	879·36	878·58	878·01	876·46	874·36
3	876·06	879·79	879·03	880·26	879·18	878·79	878·76	879·36	878·56	877·91	876·41	874·26
4	876·12	879·87	879·05	880·25	879·16	878·81	878·83	879·35	878·54	877·86	876·36	874·11
5	876·24	879·88	879·06	880·18	879·16	878·83	878·86	879·34	878·53	877·86	876·31	874·06
6	876·35	879·85	.....	880·16	879·13	878·85	878·96	879·33	878·48	877·86	876·26	873·96
7	876·56	879·78	879·16	880·16	879·10	878·86	878·96	879·33	878·41	877·86	876·16	873·76
8	876·66	879·71	879·16	880·16	879·06	878·81	878·91	879·31	878·41	877·86	876·06	873·66
9	876·76	879·68	879·17	880·09	879·01	878·84	878·96	879·29	878·40	877·86	876·01	873·56
10	876·96	879·65	879·17	880·08	878·99	878·81	879·01	879·29	878·38	877·86	875·96	873·56
11	877·06	879·58	879·19	880·08	878·96	878·76	879·06	879·31	878·37	877·81	875·91	873·36
12	877·21	879·56	879·36	880·05	878·93	878·81	879·06	879·31	878·36	877·76	.....	873·36
13	877·36	879·54	879·56	880·04	878·89	878·80	879·05	879·31	878·31	877·76	.....	873·26
14	877·46	879·39	879·59	879·96	878·86	878·79	879·11	879·30	878·31	877·66	.....	873·16
15	877·61	879·36	879·59	879·96	878·78	878·78	879·06	879·27	878·28	877·56	.....	873·06
16	877·76	879·26	879·68	879·95	878·73	878·76	879·11	879·25	878·26	877·51	.....	872·96
17	877·96	879·16	879·77	879·88	878·73	878·74	879·16	879·16	878·24	877·41	.....	872·86
18	878·06	879·36	879·87	879·85	878·70	878·74	879·20	879·11	878·26	877·36	.....	872·86
19	878·21	879·16	879·96	879·77	878·70	878·74	879·21	879·06	878·24	877·26	875·36	872·81
20	878·28	878·99	879·98	879·66	878·71	878·75	879·21	879·01	878·22	877·26	875·31	872·76
21	878·46	878·96	880·00	879·64	878·69	878·76	879·25	878·96	878·18	877·26	875·26	872·76
22	878·56	878·88	880·07	879·66	878·68	878·71	879·26	878·89	878·14	877·16	875·16	872·76
23	878·66	878·87	880·16	879·64	878·67	878·71	879·29	878·83	878·13	877·01	875·06	872·71
24	878·86	878·88	880·17	879·58	878·66	878·71	879·32	878·82	878·11	876·96	875·06	872·66
25	878·96	878·88	880·18	879·56	878·79	878·71	879·36	878·77	878·10	876·86	874·96	872·61
26	879·06	878·88	880·18	879·56	878·84	878·71	879·40	878·74	878·10	876·81	874·86	872·56
27	879·26	878·87	880·27	879·56	878·81	878·81	879·43	878·68	878·07	876·81	874·76	872·51
28	879·36	878·85	880·28	879·48	878·86	878·76	879·39	878·67	878·06	876·76	874·61	872·51
29	879·46	878·78	880·28	879·38	878·85	878·74	879·36	878·65	878·05	876·66	.....	872·46
30	879·57	878·86	880·25	879·44	878·85	878·69	879·36	878·65	878·01	876·56	.....	872·46
31	.....	878·88	.....	879·37	878·84	.....	879·36	.....	877·96	876·56	.....	872·41

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1911–12.

TABLE No. 39.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	872·41	875·16	880·86	879·05	878·51	877·76	877·26	877·06	877·66	878·71	879·46	877·76
2	872·41	875·46	880·86	879·04	878·51	877·76	877·26	877·01	877·71	878·71	879·46	877·66
3	872·46	875·76	880·81	878·98	878·48	877·76	877·26	877·01	877·76	878·76	879·46	877·61
4	872·46	876·06	880·76	878·98	878·51	877·76	877·16	876·96	877·76	878·76	879·46	877·36
5	872·56	876·46	880·76	878·98	878·48	877·76	877·21	877·01	877·71	878·81	879·51	877·06
6	872·56	876·76	880·71	879·06	878·48	877·76	877·16	877·06	877·71	878·86	879·51	876·96
7	872·56	877·06	880·66	879·04	878·46	877·71	877·16	877·06	877·76	878·86	879·56	876·86
8	872·61	877·46	880·66	878·99	878·51	877·66	877·11	877·06	877·76	878·91	879·56	876·76
9	872·61	877·86	880·56	878·96	878·46	877·66	877·16	877·06	877·76	878·96	879·56	876·56
10	872·66	878·16	880·46	878·96	878·46	877·66	877·11	877·06	877·81	878·96	879·56	876·44
11	872·66	878·46	880·46	879·06	878·41	877·56	877·16	877·06	877·86	878·96	879·56	876·26
12	872·66	878·86	880·46	878·96	878·36	877·61	877·16	877·11	877·96	879·01	879·61	876·11
13	872·66	879·16	880·46	878·91	878·26	877·56	877·11	877·11	877·96	879·01	879·61	875·96
14	872·76	879·46	880·46	878·86	878·16	877·51	877·06	877·11	877·96	879·01	879·51	875·86
15	872·86	879·71	880·36	878·86	878·16	877·46	877·06	877·11	878·06	879·06	879·46	875·76
16	872·96	879·96	880·26	878·86	878·06	877·46	877·01	877·11	878·06	879·11	879·41	875·56
17	873·06	880·16	880·16	878·86	878·06	877·46	876·96	877·21	878·16	879·11	879·41	875·51
18	873·06	880·36	880·11	878·86	878·06	877·46	877·01	877·31	878·16	879·11	879·31	875·46
19	873·16	880·46	880·06	878·86	878·06	877·46	876·96	877·36	878·16	879·16	879·16	875·31
20	873·16	880·56	880·06	878·86	878·06	877·46	876·96	877·36	878·26	879·16	879·11	875·21
21	873·26	880·66	879·91	878·76	877·96	877·41	877·01	877·41	878·26	879·16	879·06	875·11
22	873·36	880·71	879·86	878·76	878·01	877·41	877·01	877·41	878·31	879·26	878·91	875·01
23	973·46	880·76	879·81	878·66	877·96	877·36	877·06	877·46	878·31	879·26	878·91	874·86
24	873·56	880·76	879·71	878·76	877·96	877·36	877·06	877·51	878·36	879·26	878·91	874·76
25	873·76	880·86	879·66	878·76	877·91	877·31	877·06	877·51	878·36	879·26	878·61	874·66
26	873·96	880·86	879·56	878·71	877·91	877·31	877·06	877·56	878·36	879·31	878·41	874·56
27	874·06	880·86	879·46	878·66	877·86	877·26	877·06	877·56	878·46	879·31	878·21	874·56
28	874·31	880·86	879·38	878·66	877·86	877·26	877·06	877·56	878·51	879·31	878·06	874·56
29	874·56	880·86	879·28	878·61	877 86	877·31	877·01	877·56	878·56	879·36	877·91	874·61
30	874·86	880·76	879·16	878·56	877·86	877·26	877·06	877·61	878·56	879·26	.....	874·61
31	.....	880·76	.....	..878·56	877·81	.....	877·06	.....	878·66	879·26	.....	874·66

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1912–13.

TABLE No. 40.

1	874·66	877·06	882·30	881·72	880·66	879·25	879·08	879·44	880·36	879·36	875·74	873·38
2	874·68	877·23	882·32	881·68	880·62	879·20	879·04	879·46	880·46	879·36	875·61	873·32
3	874·69	877·40	882·36	881·64	880·61	879·14	879·04	879·46	880·48	879·26	875·49	873·26
4	874·69	877·57	882·36	881·60	880·56	879·08	879·06	879·45	880·51	879·21	875·26	873·18
5	874·69	877·75	882·39	881·57	880·31	879·04	879·07	879·46	880·53	879·06	875·24	873·11
6	874·70	877·91	882·44	881·53	880·41	879·07	879·05	879·51	880·53	879·04	875·16	873·06
7	874·85	878·07	882·37	881·48	880·37	879·04	879·04	879·52	880·55	879·01	875·06	873·06
8	874·87	878·23	882·37	881·46	880·36	878·96	879·06	879·54	880·59	878·86	875·01	872·96
9	874·90	878·38	882·30	881·45	880·27	878·94	879·08	879·56	980·63	878·66	874·96	872·92
10	874·93	878·52	882·23	881·41	880·31	878·86	879·08	879·56	880·66	878·36	874·91	872·88
11	874·95	878·65	882·21	881·40	880·34	878·91	879·08	879·56	880·71	878·21	874·81	872·78
12	875·00	878·86	882·18	881·37	880·28	878·84	879·07	879·56	880·74	878·06	874·71	872·71
13	875·04	879·11	882·07	881·33	880·21	878·81	879·11	879·56	880·81	878·01	874·59	872·66
14	875·07	879·42	881·97	881·36	880·19	878·78	879·11	879·58	880·86	877·76	874·46	872·62
15	875·14	879·67	881·92	881·33	880·15	878·81	879·11	879·59	880·91	877·56	874·41	872·62
16	875·23	879·91	881·87	881·33	880·08	878·82	879·08	879·60	880·96	877·36	874·36	872·58
17	875·32	880·14	881·84	881·30	880·03	878·76	879·11	879·66	881·01	877·26	874·33	872·56
18	875·44	880·36	881·81	881·24	879·99	878·76	879·14	879·71	881·03	877·16	874·21	872·56
19	875·51	880·66	881·74	881·18	879·96	878·74	879·11	879·79	881·06	877·06	874·11	872·51
20	875·57	880·86	881·69	881·06	879·88	878·86	879·12	879·81	881·06	877·01	874·06	872·41
21	875·62	881·04	881·64	881·06	879·84	878·88	879·11	879·86	881·06	876·96	873·96	872·38
22	875·75	881·21	881·63	881·06	879·79	878·86	879·16	879·94	880·96	876·76	873·86	872·36
23	875·90	881·45	881·66	880·96	879·74	878·90	879·16	879·99	880·76	876·56	873·76	872·26
24	876·03	881·65	881·67	880·96	879·67	878·94	879·21	880·06	880·56	876·46	873·66	872·24
25	876·14	881·77	881·67	880·86	879·64	878·96	879·28	880·16	880·36	876·31	873·66	872·24
26	876·24	881·86	881·70	880·86	879·56	879·02	879·33	880·19	880·26	876·21	873·60	872·24
27	876·41	882·01	881·72	880·76	879·51	879·01	879·31	880·22	880·16	876·16	873·54	872·21
28	876·59	882·14	881·76	880·76	879·46	879·04	879·28	880·36	880·11	876·12	873·46	872·18
29	876·76	882·24	881·79	880·81	879·43	879·05	879·26	880·36	880·06	875·96	.....	872·18
30	876·90	882·26	881·75	880·73	879·37	879·04	879·31	880·36	879·76	875·91	.....	872·17
31	.....	882·29	.....	880·66	879·29	.....	879·34	.....	879·56	875·79	.....	872·16

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1913–14.

TABLE No. 41.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	872·21	877·83	883·03	883·76	882·63	880·46	879·16	879·21	880·61	881·59	880·96	878·26
2	872·21	878·06	883·13	883·76	882·56	880·41	879·16	879·20	880·66	881·56	880·86	878·13
3	872·26	878·38	883·26	883·71	882·52	880·36	879·16	879·19	880·72	881·56	880·76	878·01
4	872·56	878·66	883·36	883·66	882·42	880·26	879·14	879·24	880·76	881·61	880·64	877·86
5	872·58	878·96	883·36	883·60	882·29	880·16	879·11	879·26	880·84	881·66	880·54	877·71
6	872·66	879·36	883·44	883·58	882·27	880·06	879·08	879·26	880·86	881·61	880·44	877·49
7	872·76	879·56	883·52	883·51	882·19	879·96	879·07	879·31	880·94	881·61	880·31	877·36
8	872·86	879·76	883·56	883·46	882·08	879·93	879·07	879·35	881·04	881·61	880·24	877·21
9	872·96	880·01	883·58	883·46	882·06	879·83	879·07	879·46	881·06	881·64	880·19	877·03
10	873·06	880·26	883·58	883·46	882·01	879·69	879·06	879·56	881·09	881·64	880·16	876·86
11	873·16	880·43	883·62	883·42	881·98	879·60	879·06	879·56	881·11	881·64	880·06	876·68
12	873·31	880·56	883·65	883·39	881·87	879·56	879·06	879·61	881·16	881·61	879·96	876·51
13	873·46	880·79	883·66	883·36	881·81	879·51	879·06	879·63	881·18	881·61	879·86	876·39
14	873·58	880·93	883·68	883·36	881·72	879·46	879·06	879·66	881·24	881·61	879·74	876·26
15	873·76	881·06	883·71	883·34	881·66	879·44	879·06	879·66	881·26	881·59	879·66	876·16
16	873·91	881·26	883·73	883·31	881·62	879·43	879·06	879·66	881·26	881·59	879·56	876·06
17	874·10	881·39	883·76	883·26	881·58	879·41	879·06	879·71	881·28	881·56	879·46	875·86
18	874·28	881·56	883·76	883·26	881·56	879·36	879·05	879·76	881·31	881·56	879·34	875·69
19	874·46	881·70	883·76	883·21	881·46	879·36	879·04	879·81	881·32	881·54	879·24	875·50
20	874·66	881·82	883·78	883·18	881·36	879·35	879·04	879·91	881·36	881·54	879·13	875·26
21	874·86	881·91	883·78	883·16	881·29	879·33	879·04	879·93	881·36	881·54	879·04	875·03
22	875·06	882·06	883·78	883·06	881·22	879·32	879·03	880·04	881·39	881·54	878·96	874·86
23	875·26	882·21	883·78	883·06	881·18	879·31	879·04	880·11	881·43	881·54	878·86	874·80
24	875·54	882·33	883·78	883·06	881·16	879·31	879·06	880·18	881·45	881·54	878·76	874·74
25	875·83	882·44	883·78	883·01	881·03	879·31	879·10	880·21	881·46	881·54	878·66	874·68
26	876·13	882·56	883·78	882·96	880·94	879·31	879·16	880·26	881·54	881·54	878·56	874·64
27	876·54	882·69	883·78	882·89	880·90	879·31	879·16	880·35	881·54	881·51	878·46	874·64
28	876·86	882·76	883·77	882·87	880·76	879·29	879·16	880·41	881·53	881·46	878·36	874·61
29	877·16	882·86	883·76	882·81	880·71	879·26	879·18	880·48	881·57	881·36	.....	874·56
30	877·46	882·91	883·76	882·76	880·66	879·23	879·21	880·56	881·57	881·26	.....	874·51
31	.....	882·96	.....	882·66	800·56	.....	879·21	.....	881·61	881·11	.....	874·44

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1914–15.

TABLE No. 2.

1	874·36	874·86	879·56	880·36	879·31	877·72	875·76	875·18	874·92	874·77	874·79	874·81
2	874·26	874·96	879·64	880·36	879·26	877·69	875·74	875·17	874·91	874·78	874·79	874·80
3	874·16	875·11	879·76	880·36	879·20	877·66	875·70	875·16	874·90	874·79	874·78	874·80
4	874·06	875·29	879·86	880·36	879·15	877·64	875·67	875·15	874·89	874·80	874·80	874·80
5	873·96	875·61	879·89	880·35	879·10	877·61	875·65	875·14	874·88	874·80	874·81	874·79
6	873·91	875·86	879·91	880·35	879·03	877·47	875·63	875·13	874·87	874·81	874·81	874·78
7	873·81	876·06	879·93	880·33	879·02	877·30	875·61	875·12	874·86	874·83	874·81	874·77
8	873·76	876·26	879·98	880·28	879·01	877·21	875·60	875·10	874·86	874·82	874·80	874·77
9	873·66	876·45	879·99	880·26	878·96	877·13	875·58	875·08	874·86	874·83	874·79	874·76
10	873·58	876·61	880·06	880·23	878·94	877·04	875·56	875·07	874·86	874·83	874·82	874·76
11	873·51	876·86	880·11	880·21	878·90	876·91	875·56	875·06	874·85	874·82	874·80	874·75
12	873·46	877·06	880·18	880·16	878·76	876·76	875·56	875·06	874·85	874·82	874·79	874·74
13	873·41	877·26	880·21	880·14	878·74	876·59	875·56	875·06	874·84	874·83	874·79	874·73
14	873·36	877·46	880·21	880·10	878·69	876·44	875·56	875·06	874·83	874·82	874·80	874·72
15	873·33	877·56	880·26	880·08	878·64	876·33	875·56	875·06	874·83	874·82	874·81	874·71
16	873·33	877·76	880·27	880·06	878·59	876·22	875·54	875·06	874·82	874·82	874·80	874·70
17	873·33	877·93	880·27	880·06	878·52	876·11	875·50	875·06	874·82	874·84	874·79	874·70
18	873·36	878·06	880·31	879·96	878·46	876·07	875·47	875·06	874·82	874·84	874·79	874·69
19	873·46	878·23	880·33	879·96	878·41	876·03	875·43	875·06	874·82	874·83	874·79	874·69
20	873·56	878·34	880·36	879·93	878·36	876·01	875·39	875·06	874·81	874·83	874·78	874·69
21	873·58	878·46	880·36	879·91	878·31	875·98	875·34	875·04	874·80	874·82	874·79	874·68
22	873·63	878·56	880·36	879·86	878·26	875·96	875·31	875·01	874·80	874·82	874·79	874·67
23	873·71	878·68	880·37	879·84	878·21	875·95	875·28	874·99	874·79	874·81	874·78	874·66
24	873·76	878·78	880·36	879·80	878·13	875·93	875·26	874·96	874·79	874·80	874·79	874·65
25	873·81	878·91	880·36	879·74	878·06	875·91	875·24	874·95	874·79	874·82	874·79	874·65
26	873·96	879·06	880·38	879·70	878·06	875·86	875·22	874·94	874·78	874·82	874·80	874·64
27	874·14	879·09	880·38	879·64	878·01	875·84	875·21	874·93	874·78	874·81	874·80	874·64
28	874·26	879·21	880·38	879·59	877·94	875·79	875·21	874·93	874·78	874·80	874·80	874·65
29	874·53	879·26	880·37	879·54	877·88	875·78	875·20	874·93	874·78	874·80	.....	874·65
30	874·66	879·36	880·36	879·47	877·81	875·76	875·19	874·93	874·78	874·81	.....	874·64
31	.....	879·49	.....	879·40	877·74	.....	875·18	.....	874·77	874·80	.....	874·63

*Gauge readings taken above dam from Jan. 1st to March 31st, 1915.

ELEVATIONS above M.S.L. of Ottawa River at Timiskaming Station, for 1909.

TABLE No. 43.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1										575·3	574·8	574·4
2										575·3	574·8	574·3
3										575·3	574·6	574·3
4										575·3	574·6	574·4
5										575·3	574·6	774·4
6										575·2	574·7	574·3
7										575·2	574·7	774·4
8										575·1	574·7	574·3
9										575·1	574·7	574·3
10										575·1	574·7	574·4
11										575·0	574·8	574·4
12										575·0	574·8	574·4
13										575·0	574·8	574·4
14										575·0	574·6	574·4
15										575·0	574·6	574·4
16										575·0	574·8	574·4
17										574·9	574·6	574·4
18										574·9	574·6	574·4
19										574·9	574·6	574·4
20										574·9	574·5	574·4
21										574·9	574·5	574·4
22										574·9	574·5	574·4
23										574·9	574·5	574·4
24										574·9	574·5	574·4
25										574·9	574·5	574·4
26										574·9	574·5	574·4
27										574·9	574·4	574·4
28										574·8	574·4	574·5
29										574·8	.....	574·5
30										574·8	.....	574·5
31										574·8	.....	574·5

ELEVATIONS above M.S.L. of Ottawa River at Timiskaming Station, for 1909–10.

TABLE No. 44.

1	574·5	579·6	589·5	584·1	580·4	579·3	578·7	578·9	578·3	.....	.....	574·9
2	574·6	579·8	589·4	583·8	580·3	579·1	578·7	579·0	578·3	.....	.....	574·8
3	574·5	579·9	589·2	583·7	580·3	579·0	578·7	579·0	578·2	.....	.....	574·8
4	574·5	580·0	588·9	583·4	580·3	579·0	578·7	579·1	578·2	.....	.....	574·8
5	574·5	580·4	588·9	583·1	580·3	579·0	578·7	579·1	578·2	.....	.....	.....
6	574·6	580·4	588·5	583·0	580·2	579·0	578·6	579·1	578·1	.....	575·5	.....
7	574·6	580·7	588·3	582·8	580·2	579·0	578·6	579·0	578·2	.....	.....	574·7
8	574·8	581·1	588·1	582·6	580·1	579·0	578·6	579·1	578·2	.....	.....	574·7
9	574·9	581·6	588·0	582·5	580·1	579·1	578·6	579·1	578·2	.....	575·6	574·7
10	575·1	582·1	587·8	582·1	580·1	579·1	578·6	578·8	578·2	576·7	.....	574·7
11	575·1	582·4	587·5	582·0	580·0	579·2	578·5	578·9	577·9	.....	.....	574·7
12	575·1	582·9	587·3	581·8	579·9	579·1	578·6	578·8	578·2	.....	.....	.....
13	575·4	583·4	587·2	581·7	579·9	579·0	578·6	578·8	577·9	.....	.....	.....
14	575·7	584·0	587·0	581·5	579·8	579·0	578·6	578·9	578·0	.....	.....	574·7
15	576·0	584·5	586·8	581·4	579·8	579·1	578·7	578·8	578·0	.....	.....	.....
16	576·1	585·0	586·6	581·3	579·7	579·0	578·7	578·8	578·0	576·4	.....	574·7
17	576·3	585·8	586·4	581·1	579·7	579·1	578·8	578·7	577·9	.....	.....	574·6
18	576·5	586·5	586·2	581·1	579·7	579·0	578·8	578·7	577·9	.....	575·2	574·6
19	576·6	587·1	586·1	581·0	579·7	578·9	578·9	578·7	577·9	576·3	.....	574·5
20	576·8	587·7	585·9	580·7	579·6	578·9	578·9	578·6	577·7	.....	.....	.....
21	577·0	588·1	585·8	580·5	579·6	578·7	579·0	578·6	577·8	.....	.....	574·5
22	577·4	588·5	585·6	580·5	579·5	578·7	579·0	578·6	577·8	.....	.....	574·7
23	577·6	589·0	585·5	580·7	579·3	578·8	579·1	578·5	577·7	.....	575·0	574·6
24	578·0	589·3	585·4	580·7	579·2	578·8	579·0	578·5	577·7	.....	.....	574·5
25	578·4	589·5	585·3	580·2	579·3	578·7	579·0	578·5	577·6	.....	574·9	574·7
26	578·5	589·6	585·2	580·2	579·4	578·5	579·1	578·4	577·6	.....	.....	574·8
27	578·9	589·8	584·9	580·2	579·1	578·9	579·1	578·4	577·6	575·9	.....	.....
28	579·0	589·8	584·8	580·2	579·1	578·8	579·2	578·3	577·6	.....	.....	574·9
29	579·3	589·8	584·5	580·3	579·2	578·6	579·2	578·3	577·4	.....	.....	575·1
30	579·4	589·7	584·4	580·4	578·9	578·7	578·9	578·2	577·4	.....	.....	575·4
31	.....	589·7	.....	580·3	578·7	.....	578·9	.....	577·3	.....	.....	575·6

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Timiskaming Station, for 1910–11.

TABLE No. 45.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	575·9	583·5	583·0	579·8	577·1	576·7	576·7	581·9	580·3	577·5	577·2	580·0
2	576·2	583·7	583·2	579·7	577·1	576·6	576·7	582·0	580·2	577·5	577·4	580·2
3	576·5	583·8	583·3	579·6	577·0	576·5	576·8	582·2	580·0	577·5	577·3	580·3
4	576·7	583·8	583·3	579·5	576·9	576·6	577·0	582·3	579·9	577·3	577·3	580·4
5	577·0	583·7	583·1	579·2	577·0	576·7	577·3	582·3	579·7	577·3	577·4	580·5
6	577·6	583·7	583·3	579·0	577·0	576·6	577·9	582·4	579·6	577·2	577·5	580·6
7	578·2	583·8	583·3	579·0	577·0	576·8	578·1	582·4	579·5	577·1	577·5	580·6
8	578·5	583·8	583·2	578·8	576·9	576·6	578·2	582·4	579·4	577·2	577·5	580·6
9	579·0	583·7	583·1	578·8	576·8	576·7	578·9	582·4	579·3	577·3	577·6	580·7
10	579·4	583·8	583·0	578·6	576·9	576·6	579·0	582·4	579·2	577·1	577·8	580·9
11	579·7	583·8	582·9	578·6	576·9	576·5	579·3	582·5	579·1	577·1	577·8	580·7
12	580·0	583·7	582·8	578·5	576·8	576·6	579·6	582·5	579·0	577·0	577·9	581·0
13	580·1	582·6	582·5	578·5	576·7	576·6	579·7	582·5	578·9	576·9	577·9	580·9
14	580·4	583·5	582·3	578·4	576·9	576·5	580·1	582·4	578·8	576·9	578·0	580·8
15	580·7	583·5	582·3	578·3	576·8	576·5	580·1	582·4	578·8	577·0	578·1	581·2
16	580·8	583·3	582·0	578·2	576·8	576·4	580·3	582·4	578·6	576·9	578·2	581·1
17	580·8	583·3	581·9	578·2	576·7	576·4	580·4	582·3	578·5	576·9	578·4	581·0
18	581·1	583·1	581·8	578·0	576·7	576·6	580·4	582·2	578·4	576·9	578·5	581·2
19	581·4	583·1	581·6	577·8	576·7	576·4	580·5	582·0	578·4	577·0	578·7	581·1
20	581·5	583·0	581·5	577·7	576·5	576·3	580·9	581·7	578·4	577·0	578·9	581·1
21	581·7	582·9	581·3	577·6	576·3	576·4	580·9	581·5	578·3	577·0	579·1	581·2
22	581·8	.....	581·1	577·7	576·4	576·3	581·0	581·5	578·1	577·0	579·2	581·3
23	582·0	582·8	581·1	577·6	576·4	576·2	581·3	581·2	578·0	576·9	579·2	581·2
24	.....	582·7	581·0	577·4	576·3	576·3	581·2	581·1	578·1	576·9	579·4	581·2
25	582·5	582·8	580·7	577·4	576·4	576·3	581·4	581·0	578·0	577·0	579·5	581·2
26	582·6	582·9	580·4	577·4	576·4	576·3	581·5	580·9	577·8	577·0	579·7	581·2
27	582·9	583·0	580·4	577·4	576·4	576·3	581·7	580·7	577·8	577·1	579·9	581·3
28	583·1	582·9	580·3	577·3	576·4	576·4	581·8	580·6	577·8	577·2	579·9	581·4
29	583·2	.....	580·1	577·1	576·6	576·4	581·9	580·5	577·7	577·1	.....	581·3
30	583·5	582·8	579·9	577·2	576·5	576·5	581·7	580·4	577·8	577·1	.....	581·4
31	.....	582·9	.....	577·1	576·6	.....	581·9	.....	577·5	577·1	.....	581·3

Elevations above M.S.L. of Ottawa River at Timiskaming Station, for 1911–12.

TABLE No. 46.

1	581·2	587·3	583·7	580·1	576·7	576·5	575·4	576·2	579·6	580·8	579·4	579·4
2	581·2	588·0	583·5	579·9	576·6	576·5	575·4	576·2	579·7	580·8	579·4	579·5
3	581·1	588·3	583·4	579·6	576·7	576·5	575·4	576·2	579·7	580·7	579·4	579·5
4	581·1	588·4	583·2	579·5	576·7	576·4	575·2	576·2	579·6	580·7	579·3	579·5
5	581·0	587·2	583·0	579·3	576·6	576·3	575·5	576·3	579·5	580·7	579·2	579·5
6	581·0	586·6	582·7	579·1	576·7	576·4	575·3	576·3	579·5	580·7	579·1	579·5
7	581·0	586·2	582·6	578·8	576·7	576·3	575·3	576·4	579·6	580·6	579·1	579·5
8	580·9	586·0	582·4	578·5	576·6	576·2	575·3	576·6	579·5	580·5	579·0	579·5
9	580·9	585·8	582·2	578·3	576·7	576·2	575·2	576·7	579·5	580·5	579·0	579·5
10	580·9	585·6	582·1	578·2	576·8	576·1	575·2	576·7	579·5	580·5	.....	579·6
11	580·9	585·3	582·0	577·9	576·8	576·0	575·2	576·8	579·5	580·4	578·9	579·5
12	580·8	585·1	581·9	577·9	576·9	576·2	575·2	576·9	579·8	580·3	578·9	579·5
13	580·8	585·2	581·7	577·7	577·0	576·1	575·1	577·5	579·9	580·2	578·8	579·4
14	580·9	585·0	582·6	577·5	577·0	575·9	575·0	577·6	580·1	580·2	578·8	579·3
15	581·1	584·8	582·6	577·3	577·1	575·8	574·9	577·9	580·2	580·3	578·8	579·4
16	581·5	584·8	582·7	577·2	577·2	575·9	574·9	578·2	580·4	580·2	578·9	579·3
17	581·6	584·6	582·7	577·1	577·1	575·9	574·8	578·3	580·4	580·1	578·9	579·2
18	581·6	584·5	582·7	577·0	577·2	575·8	574·8	578·4	580·6	580·1	578·9	579·2
19	581·9	584·3	582·7	577·0	577·3	575·8	574·7	578·5	580·5	580·1	578·9	579·1
20	582·1	584·2	582·8	576·9	577·0	575·8	574·8	578·8	580·6	579·9	579·0	579·1
21	582·3	584·2	582·7	576·8	577·0	575·8	574·8	579·0	580·7	579·9	579·0	579·1
22	582·6	584·2	582·6	576·7	576·9	575·7	574·8	579·0	580·7	579·8	579·1	579·0
23	583·0	584·1	582·4	576·7	577·0	575·6	574·9	579·1	580·7	579·8	579·1	579·0
24	583·3	584·1	582·1	576·6	576·9	575·8	575·2	579·4	580·7	579·8	579·1	579·0
25	583·7	584·2	581·7	576·7	576·8	575·8	575·2	579·3	580·7	579·8	579·2	578·9
26	584·1	584·2	581·5	576·7	576·9	575·6	575·4	579·4	580·7	579·7	579·2	578·8
27	584·6	584·1	581·2	576.6	576.8	575·6	575·7	579·4	580·8	579·7	579·4	578·8
28	585·2	584·0	581·1	576·6	576·8	575·6	575·7	579·6	580·8	579·7	579·3	578·7
29	585·8	584·0	580·8	576·7	576·8	575·5	575·8	579·7	580·8	579·6	579·4	578·6
30	586·7	583·9	580·5	576·6	576·7	575·4	576·0	579·5	580·8	579·6	.....	578·5
31	.....	583·7	.....	576·6	576·6	.....	576·1	.....	580·8	579·5	.....	578·4

Elevations above M.S.L. of Ottawa River at Timiskaming Station, for 1912–13.

TABLE No. 47.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	578·2	582·5	585·5	582·5	580·2	578·2	580·2	583·7	584·4	584·7	583·8	579·0
2	578·2	582·5	585·5	582·4	580·2	578·2	580·2	583·7	584·3	584·7	583·7	578·9
3	578·1	582·7	585·4	582·2	580·1	578·2	580·2	583·7	584·3	584·9	583·6	578·5
4	578·0	582·7	585·3	582·1	580·0	578·2	580·5	583·7	584·3	584·9	583·5	578·3
5	577·9	582·8	585·3	582·1	579·8	578·2	580·6	583·9	584·4	584·7	583·5	578·1
6	578·0	582·9	585·2	581·9	579·7	578·2	580·6	583·9	584·3	584·9	583·3	578·0
7	578·1	582·9	585·2	581·8	579·7	578·3	581·0	584·2	584·4	584·9	583·0	577·7
8	578·2	583·1	585·1	581·8	579·7	578·2	580·8	584·2	584·5	584·8	582·9	577·6
9	578·2	583·2	585·0	581·8	579·6	578·1	580·9	584·3	584·3	584·7	582·8	577·5
10	578·2	583·2	584·8	581·7	579·5	578·1	581·1	584·2	584·3	584·6	582·5	577·3
11	578·2	583·3	584·7	581·9	579·5	578·2	580·9	584·2	584·4	584·6	582·4	577·2
12	578·3	583·5	584·8	581·8	579·4	578·0	581·0	584·4	584·4	584·6	582·3	577·1
13	578·4	583·9	584·5	581·5	579·4	577·9	581·1	584·5	584·3	584·5	582·1	577·0
14	578·3	584·1	584·3	581·6	579·3	577·9	581·1	584·5	584·3	584·5	582·0	576·9
15	578·4	584·4	584·1	581·5	579·3	577·9	581·2	584·5	584·2	584·5	581·9	576·8
16	578·6	584·7	584·0	581·6	579·1	577·9	581·3	584·5	584·4	584·5	581·8	576·7
17	578·8	584·8	583·9	581·5	579·0	577·9	581·4	584·5	584·2	584·3	581·7	576·5
18	579·0	585·0	584·0	581·5	578·9	577·8	581·4	584·5	584·2	584·5	581·4	576·4
19	579·2	585·2	583·8	581·5	578·9	578·0	581·4	584·5	584·3	584·4	581·3	576·2
20	579·2	585·2	583·9	581·2	578·7	578·1	581·5	584·4	584·2	584·5	581·2	576·2
21	579·3	585·4	583·8	581·2	578·6	578·2	581·5	584·4	584·1	584·5	581·1	576·2
22	579·7	585·5	583·5	581·1	578·4	578·4	581·6	584·4	584·2	584·5	581·0	576·2
23	579·8	585·5	583·3	581·0	578·4	578·5	581·8	584·4	584·3	584·3	580·7	576·0
24	580·0	585·4	583·2	581·0	578·4	578·7	582·0	584·4	584·3	584·3	580·5	576·1
25	580·3	585·4	583·1	580·9	578·4	578·9	582·3	584·6	584·3	584·2	580·1	576·0
26	580·5	585·2	583·0	581·0	578·5	579·1	582·5	584·5	584·5	584·2	579·8	576·1
27	580·8	585·2	582·9	580·8	578·5	579·5	582·8	584·5	584·6	584·1	579·7	576·1
28	581·7	585·3	582·8	580·7	578·4	579·7	583·0	584·4	584·5	584·1	579·3	575·9
29	581·9	585·6	582·8	580·7	578·5	579·8	583·0	584·4	584·7	583·9	.....	575·8
30	582·2	585·6	582·7	580·6	578·3	579·8	583·3	584·4	584·7	583·9	.....	575·8
31	.....	585·6	.....	580·4	578·2	.....	583·5	.....	584·6	583·9	.....	575·9

Note.—Observations were taken at head of Island from 28th April, 1912, to 16th April, 1913.

Elevations above M.S.L. of Ottawa River at Timiskaming Station, for 1913–14.

TABLE No. 48.

1	576·0	587·7	586·3	586·1	584·9	582·5	580·9	583·0	586·6	584·3	581·4	578·9
2	576·0	587·8	586·3	586·1	584·8	582·5	581·0	583·2	586·6	584·2	581·3	578·8
3	576·0	587·7	586·4	586·0	584·9	582·6	580·8	583·1	586·5	584·2	581·4	578·6
4	575·9	587·5	586·5	586·0	584·7	582·6	580·7	583·4	586·5	584·0	581·3	578·6
5	575·9	587·4	586·5	586·0	584·6	582·5	580·6	583·5	586·5	583·9	581·2	578·6
6	576·0	587·3	586·4	586·0	584·6	582·4	580·5	583·5	586·4	583·7	581·2	578·6
7	576·0	587·3	586·7	585·9	584·5	582·3	580·5	583·6	586·4	583·5	581·0	578·7
8	576·0	587·2	586·7	585·7	584·3	582·4	580·6	583·7	586·5	583·3	580·9	578·6
9	576·1	587·3	586·7	585·6	584·3	582·3	580·7	584·4	586·5	583·3	580·8	578·4
10	576·2	587·1	586·6	585·8	584·5	582·2	580·5	584·5	586·3	583·2	580·7	578·3
11	576·5	587·0	586·6	585·6	584·2	582·1	580·5	584·7	586·1	583·0	580·6	578·2
12	576·7	586·8	586·6	585·5	584·1	582·2	580·5	584·7	585·9	582·8	580·4	578·1
13	577·1	586·7	586·6	585·5	584·0	582·1	580·6	584·8	585·7	582·8	580·2	578·0
14	577·4	586·6	586·5	585·6	583·8	581·9	580·5	585·0	585·9	582·6	580·1	577·9
15	577·7	586·4	586·3	585·6	583·7	581·7	580·5	585·1	585·7	582·7	580·1	577·8
16	578·2	586·3	586·2	585·5	583·7	581·7	580·6	585·2	585·6	582·6	580·0	577·7
17	579·5	586·4	586·1	585·5	583·6	581·8	580·6	585·5	585·5	582·4	579·9	577·6
18	580·1	586·3	585·9	585·5	583·6	581·7	580·8	585·6	585·4	582·3	579·8	577·6
19	580·8	586·3	585·8	585·6	583·4	581·5	580·7	585·8	585·2	582·3	579·6	577·5
20	581·2	586·3	585·9	585·6	583·1	581·4	581·0	585·9	585·3	582·2	579·4	577·3
21	581·6	586·2	586·0	585·4	583·0	581·3	581·1	585·8	585·2	582·1	579·3	577·2
22	582·1	586·3	585·9	585·2	583·0	581·3	581·0	586·0	585·0	582·0	579·2	577·2
23	582·9	586·3	585·9	585·2	583·2	581·3	581·0	586·0	585·0	581·9	579·1	577·1
24	583·5	586·5	586·0	585·3	583·2	581·2	581·2	585·8	585·0	581·7	579·0	577·0
25	584·9	586·5	586·0	585·2	582·9	581·0	581·7	585·8	585·0	581·5	578·9	576·9
26	586·1	586·4	586·1	585·0	582·8	581·1	581·9	586·2	584·7	581·5	578·9	576·9
27	587·0	586·4	586·3	584·9	582·9	581·1	582·1	586·1	584·4	581·5	578·9	576·8
28	587·6	586·5	586·3	585·1	582·7	580·9	582·4	586·1	584·4	581·4	578·9	576·8
29	587·8	586·5	586·2	585·0	582·6	581·0	582·6	586·1	584·3	581·3	.....	576·7
30	587·8	586·5	586·2	584·9	582·8	580·9	582·8	586·1	584·3	581·4	.....	576·7
31	.....	586·4	.....	584·8	582·7	.....	582·8	.....	584·3	581·4	.....	576·6

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Timiskaming Station, for 1914–15.

TABLE No. 49.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	576·61	579·09	585·13	581·64	578·14	576·31	575·83	575·53	576·25	576·86	576·76	576·41
2	576·73	579·28	585·10	581·54	578·13	576·34	575·75	575·83	576·30	577·01	576·81	576·46
3	576·55	579·44	585·17	581·32	578·03	576·34	575·70	575·63	576·43	576·91	576·81	576·41
4	576·55	579·77	585·35	581·17	577·83	576·45	575·65	575·60	576·48	576·94	576·66	576·41
5	576·51	579·82	585·35	581·07	577·70	576·35	575·70	575·68	576·45	576·89	576·61	576·46
6	576·46	580·43	585·20	580·98	577·60	576·38	575·68	575·70	576·43	576·86	576·71	576·46
7	576·39	580·70	585·09	580·77	577·63	576·62	575·65	575·50	576·58	576·84	576·66	576·46
8	576·36	581·02	585·29	580·83	577·62	576·60	575·60	575·68	576·78	576·94	576·61	576·41
9	576·31	581·24	585·18	580·71	577·39	576·50	575·60	575·73	576·70	577·16	576·51	576·41
10	576·29	581·33	585·43	580·55	577·29	576·50	575·68	575·70	576·73	576·99	576·51	576·46
11	576·38	581·67	585·45	580·40	577·39	576·50	575·50	575·73	576·63	576·94	576·51	576·41
12	576·45	581·68	585·55	580·29	577·23	576·50	575·68	575·75	576·65	577·01	576·51	576·41
131	576·29	581·68	585·62	580·15	577·08	576·50	575·68	575·83	576·60	577·01	576·51	576·41
14	576·38	581·83	585·44	579·97	577·29	576·46	575·62	575·85	576·70	576·96	576·41	576·36
15	576·25	581·93	585·10	579·84	577·23	576·40	575·52	575·85	576·67	577·04	576·36	576·36
16	576·25	582·26	584·70	579·74	577·13	576·50	575·68	575·85	576·70	577·01	576·36	576·41
17	576·30	582·60	584·38	579·60	577·05	576·52	575·60	575·90	576·61	577·01	576·46	576·41
18	576·35	582·73	584·18	579·75	577·00	576·52	575·68	575·85	576·58	577·04	576·46	576·41
19	576·72	582·88	584·10	579·45	576·94	576·47	575·60	575·80	576·51	577·06	576·46	576·36
20	576·80	583·03	583·78	579·25	576·83	576·18	575·60	576·00	576·76	577·06	576·41	576·46
21	576·82	583·13	583·50	579·00	576·85	576·25	575·60	575·98	576·76	577·06	576·36	576·36
22	576·94	583·38	583·28	578·99	576·70	576·16	575·78	576·00	576·86	577·01	576·41	576·36
23	576·98	583·60	583·11	578·97	576·73	576·24	575·60	576·00	576·86	577·06	576·36	576·36
24	577·10	583·73	582·93	578·75	578·79	576·14	575·70	575·95	576·86	577·01	576·36	576·31
25	577·20	583·91	582·65	578·85	576·72	576·14	575·63	576·00	576·86	576·99	576·51	576·39
26	577·53	584·20	582·53	578·68	576·61	576·26	575·70	576·25	576·86	576·91	576·41	576·36
27	577·90	584·34	582·37	578·57	576·58	576·08	575·63	576·25	576·76	576·91	576·46	576·26
28	578·33	584·48	582·24	578·55	576·52	575·90	575·63	576·05	576·81	576·96	576·41	576·31
29	578·71	584·65	582·14	578·57	576·39	575·76	575·60	576·10	576·84	576·91	.....	576·26
30	578·95	584·85	581·91	578·71	.....	575·90	575·60	576·20	576·86	576·86	.....	576·31
31	.....	584·94	.....	578·80	.....	.....	575·60	.....	576·86	576·86	.....	576·31

Elevations above M.S.L. of Gordon Creek at Lumsden's Mills, for 1910–11.

TABLE No. 50.

1	.....	.....	772·0	772·1	771·5	771·0	770·8	771·5	770·8	770·5	771·0	770·3
2	.....	.....	771·1	772·2	771·6	770·7	770·6	771·5	770·8	770·4	770·6	770·3
3	.....	771·9	771·0	772·0	771·6	770·6	770·7	771·4	770·5	770·4	770·7	770·3
4	771·2	.....	771·2	771·8	771·5	770·7	770·4	771·4	770·4	770·4	770·7	770·3
5	.....	.....	771·6	772·0	771·4	771·0	769·9	771·5	770·4	770·5	770·6	770·2
6	.....	.....	772·0	771·0	771·4	771·0	769·9	771·4	770·4	770·5	770·7	770·2
7	771·2	.....	771·9	771·2	771·4	770·7	771·0	771·5	770·3	770·5	770·7	770·2
8	.....	771·5	771·5	771·7	771·4	770·6	770·7	771·5	770·4	770·4	771·0	770·1
9	771·1	.....	771·1	771·9	771·5	770·7	770·6	771·6	770·4	770·5	770·7	770·3
10	.....	.....	771·0	771·7	771·5	770·6	770·5	771·7	770·3	770·6	770·6	770·0
11	.....	.....	772·0	771·8	771·4	770·6	771·0	771·8	770·4	770·5	770·7	770·0
12	.....	.....	771·0	772·0	771·6	770·5	771·1	771·9	770·3	770·5	770·6	770·0
13	.....	771·5	771·9	772·1	771·4	771·0	770·7	771·8	770·3	770·8	770·6	770·0
14	.....	771·4	771·9	772·2	771·3	770·8	770·5	771·7	770·3	770·8	770·6	770·0
15	771·4	771·8	772·0	772·2	771·5	771·1	770·4	771·9	770·3	770·8	770·6	770·0
16	.....	771·3	771·7	772·0	771·0	771·0	770·3	771·8	770·3	770·9	770·5	769·9
17	.....	771·8	771·8	772·0	771·2	771·2	770·2	771·8	770·3	770·9	770·6	769·9
18	.....	771·0	771·0	772·1	771·3	770·7	770·2	771·7	770·3	770·9	770·5	770·1
19	.....	771·6	771·0	772·2	771·4	771·0	770·3	771·8	770·2	770·8	770·5	770·1
20	771·5	771·8	772·0	771·9	771·1	770·7	770·2	771·7	770·2	770·7	770·5	770·2
21	.....	771·6	772·0	772·0	770·5	770·6	770·1	771·8	770·2	770·7	770·6	769·9
22	.....	.....	771·6	771·9	771·2	770·7	770·2	771·9	770·3	770·6	770·5	769·9
23	.....	771·6	772·0	771·8	771·1	770·6	770·3	771·7	770·3	770·6	770·5	769·8
24	.....	771·7	771·9	771·7	771·0	770·7	770·1	771·8	770·4	770·7	770·5	769·8
25	.....	771·2	771·5	.....	770·7	770·5	770·2	771·8	770·4	770·8	770·5	769·8
26	.....	771·8	771·2	771·6	770·6	770·7	770·9	771·9	770·3	770·7	770·1	769·8
27	.....	771·3	771·5	771·7	771·0	770·7	771·0	771·8	770·3	770·7	770·5	769·8
28	771·8	771·5	771·6	771·5	770·7	770·8	771·0	771·9	770·3	770·9	770·5	769·8
29	.....	771·0	771·8	771·6	770·9	770·6	771·1	771·5	770·4	770·8	.....	769·8
30	.....	771·5	772·2	771·5	770·7	770·7	771·5	771·0	770·5	770·8	.....	769·8
31	.....	771·7	.....	771·6	771·0	.....	771·3	.....	770·5	770·6	.....	769·8

Elevations above M.S.L. of Gordon Creek at Lumsden's Mills, for 1911–12.

TABLE No. 51.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	769·7	770·4	771·1	770·8	770·8	770·7	770·6	770·9	770·6	770·7	770·1	769·7
2	769·7	770·5	770·9	770·7	770·7	770·8	770·7	770·6	770·6	770·7	770·0	769·7
3	769·7	770·1	770·8	770·8	770·8	770·7	770·8	770·8	770·5	770·8	770·0	769·7
4	769·7	770·1	770·8	770·7	770·7	770·7	770·8	770·8	770·6	771·0	770·2	769·7
5	769·7	770·0	770·9	770·8	770·8	770·7	770·8	770·8	770·4	771·0	770·0	769·7
6	769·9	770·1	770·8	770·8	770·3	770·7	770·9	771·0	770·5	771·1	769·9	769·8
7	769·8	770·2	770·9	770·9	770·7	770·8	770·9	771·1	770·4	771·1	769·8	769·7
8	769·8	770·1	770·8	771·1	770·7	770·8	770·6	771·1	770·6	771·1	769·9	769·7
9	769·8	770·1	770·8	770·8	770·8	770·8	770·8	771·0	770·7	771·1	769·9	769·7
10	769·8	769·9	770·9	770·9	770·8	770·6	770·7	771·0	770·7	771·1	769·8	769·7
11	769·8	769·9	771·0	771·0	770·7	770·7	770·7	771·1	770·7	771·1	769·8	769·7
12	769·8	769·7	771·3	771·1	770·5	770·8	770·8	770·9	770·8	771·3	769·9	769·7
13	769·8	769·7	771·3	771·2	770·4	770·8	770·8	770·9	770·8	771·3	770·0	769·7
14	769·8	770·0	771·4	770·8	770·3	770·8	770·7	771·0	770·7	771·2	769·9	769·7
15	769·9	769·7	771·0	770·8	770·8	770·8	770·3	771·1	770·8	771·3	769·9	769·6
16	770·0	770·1	770·9	770·8	770·7	770·8	770·7	770·9	770·7	771·1	769·8	769·6
17	770·1	770·7	770·9	770·8	770·8	770·4	770·7	770·5	770·8	771·3	769·9	769·7
18	770·1	770·8	770·8	770·8	770·8	770·8	770·8	770·4	770·7	771·3	769·9	769·6
19	770·1	770·9	770·9	770·8	770·8	770·8	770·7	770·5	770·8	771·1	769·8	769·5
20	770·3	771·1	771·0	771·0	770·7	770·8	771·0	770·6	770·8	771·5	769·8	769·5
21	770·3	771·0	771·2	770·8	770·8	770·8	770·8	770·6	770·7	771·3	769·9	769·4
22	770·5	771·3	770·8	770·8	770·8	770·7	770·8	770·5	770·8	771·2	769·9	769·4
23	770·3	771·5	770·8	770·7	770·8	770·8	770·7	770·4	770·7	771·2	769·8	769·4
24	770·3	770·9	770·9	770·8	770·8	770·7	770·8	770·5	.....	770·8	769·8	769·4
25	770·3	771·0	770·8	770·8	770·8	.....	770·8	770·5	.....	770·7	769·8	769·4
26	770·4	771·2	770·8	770·7	770·8	.....	770·9	770·4	.....	770·5	769·9	769·3
27	770·3	770·8	770·8	770·8	770·7	.....	770·8	770·5	770·7	770·4	769·8	769·3
28	770·3	771·4	770·8	770·7	770·8	.....	771·0	770·6	770·8	770·4	769·8	769·3
29	770·3	771·3	770·8	770·8	770·8	770·8	770·8	770·6	770·8	770·3	769·7	769·3
30	770·4	771·1	770·8	770·4	770·8	770·8	771·0	770·7	770·8	770·3	.....	769·3
31	.....	770·8	.....	770·7	770·8	.....	771·0	.....	770·7	770·1	.....	769·3

Elevations above M.S.L. of Gordon Creek at Lumsden's Mills, for 1912–13.

TABLE No. 52.

1	769·3	770·1	771·3	771·1	771·3	770·8	770·8	770·3	.....	770·4	769·9	769·8
2	769·3	770·3	771·2	771·2	771·1	771·0	770·7	770·7	.....	770·4	770·0	769·8
3	769·3	770·0	771·3	771·1	771·0	770·8	770·7	770·4	.....	770·5	769·9	769·8
4	769·2	770·0	771·4	771·3	770·3	770·9	770·3	770·8	.....	770·4	769·9	769·8
5	769·3	770·1	771·2	771·4	770·5	770·8	770·3	770·7	.....	770·5	769·9	769·8
6	769·2	770·1	771·3	771·2	770·6	770·9	770·4	770·8	.....	770·4	770·3	769·8
7	769·1	770·0	771·2	770·8	771·0	771·0	770·4	770·7	.....	770·6	770·2	769·7
8	769·3	770·0	771·3	771·3	771·1	770·8	770·4	770·8	.....	770·5	770·3	769·7
9	768·6	770·0	771·3	771·1	770·8	770·8	770·8	770·8	.....	770·4	770·1	769·7
10	769·5	770·0	771·3	771·3	771·2	770·7	770·7	770·5	.....	770·3	770·2	769·6
11	769·5	770·3	771·2	771·2	770·4	770·8	770·7	770·8	.....	770·8	769·9	769·6
12	769·5	770·6	771·2	771·3	771·2	770·8	770·8	770·8	.....	770·7	770·0	769·6
13	769·6	770·7	771·2	771·1	771·3	770·7	770·3	770·8	.....	770·4	770·0	769·6
14	769·6	771·2	771·2	771·0	770·8	770·7	770·8	770·3	.....	770·5	770·1	769·6
15	769·6	770·8	771·3	771·2	770·8	770·5	770·8	770·3	.....	770·3	770·1	769·6
16	769·7	770·7	771·3	771·2	770 9	770·8	770·7	770·3	769·8	770·3	770·1	769·6
17	769·7	770·9	771·3	771·3	770·8	770·8	770·8	770·3	770·6	770·4	770·0	769·7
18	769·6	771·1	771·3	771·2	770·6	770·7	770·8	770·4	770·4	770·3	770·0	769·6
19	769·6	771·1	771·2	771·1	770·8	770·8	770·7	770·4	770·3	770·0	769·9	769·6
20	769·6	771·1	771·3	771·1	770·7	770·7	770·4	770·5	770·3	769·9	770·0	769·6
21	769·7	771·2	771·2	770·9	770·7	770·8	770·7	770·4	770·4	770·3	770·0	769·6
22	769·7	771·1	771·4	771·1	770·9	770·5	770·7	770·3	769·9	769·9	770·0	769·5
23	769·8	771·1	770·8	771·2	770·8	770·6	770·7	770·1	769·8	770·0	769·9	769·6
24	769·8	771·2	771·1	771·1	770·8	770·7	770·8	.....	769·9	769·9	770·0	769·7
25	769·9	771·3	771·2	771·4	770·7	770·4	770·8	.....	769·9	770·0	770·0	769·7
26	769·9	771·2	771·3	771·3	770·9	770·7	770·8	.....	770·3	769·9	769·9	769·7
27	769·9	771·1	771·3	771·2	770·8	770·7	770·4	.....	770·0	769·9	769·9	769·6
28	770·0	771·4	771·0	770·8	771·0	770·7	770·7	.....	770·3	770·0	769·9	769·6
29	770·0	771·1	771·2	771·1	771·0	770·4	770·7	.....	770·4	770·1	.....	769·6
30	770·1	771·3	770·8	771·3	770·9	770·7	770·8	.....	770·5	770·0	.....	769·6
31	.....	771·2	.....	771·1	770·9	.....	770·9	.....	770·4	770·0	.....	769·7

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gordon Creek at Lumsden's Mills, for 1913–14.

TABLE No. 53.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Marc.
1	769·8	770·0	771·3	771·4	771·3	770·8	770·6	.....	.....	.....	770·7	770·5
2	769·8	769·7	771·3	771·7	771·4	770·6	770·6	.....	.....	.....	770·7	770·4
3	769·8	769·8	771·6	771·6	771·3	770·6	770·6	.....	.....	.....	770·6	770·4
4	769·9	769·9	771·3	771·7	771·3	770·8	770·7	.....	.....	.....	770·6	770·4
5	769·8	769·9	771·6	771·8	771·4	770·7	770·3	.....	.....	.....	770·6	770·4
6	769·9	770·0	771·5	771·7	771·3	770·6	770·5	.....	.....	.....	770·7	770·3
7	769·8	769·6	771·5	771·7	771·3	770·5	770·3	.....	.....	.....	770·6	770·4
8	769·8	770·5	771·8	771·6	771·4	770·5	770·3	.....	.....	.....	770·6	770·4
9	769·7	770·8	771·7	771·7	771·4	770·6	770·3	.....	.....	771·5	770·7	770·4
10	769·7	771·2	771·8	771·7	771·1	770·5	770·3	.....	.....	771·5	770·6	770·4
11	769·7	770·7	771·8	771·6	771·2	770·5	770·1	.....	.....	771·3	770·8	770·4
12	769·7	771·0	771·8	771·6	771·4	770·6	770·0	.....	.....	771·2	770·9	770·4
13	769·8	771·1	771·8	771·6	771·3	770·6	770·1	.....	.....	770·9	770·8	770·4
14	769·8	771·2	771·8	771·6	771·3	770·7	770·1	.....	.....	770·9	770·7	770·4
15	769·8	771·1	771·3	771·6	771·2	770·7	770·0	.....	.....	770·9	770·8	770·4
16	769·8	771·0	771·8	771·6	771·0	770·7	770·0	.....	.....	770·8	770·7	770·4
17	769·8	771·0	771·7	771·7	770·8	770·6	770·0	.....	.....	770·9	770·6	770·4
18	769·9	770·9	771·8	771·6	770·9	770·5	770·0	.....	.....	770·9	770·6	770·4
19	769·9	771·2	771·6	771·4	770·8	770·6	.....	.....	.....	770·8	770·5	770·3
20	769·8	770·8	771·8	771·7	770·9	770·5	.....	.....	.....	770·7	770·5	770·3
21	769·9	771·1	771·6	771·7	770·9	770·3	.....	.....	.....	770·6	770·8	770·3
22	769·8	771·2	770·8	771·6	771·0	770·6	.....	.....	.....	770·7	770·7	770·3
23	769·7	771·3	771·7	771·6	770·9	770·6	.....	.....	.....	770·7	770·6	770·3
24	769·8	771·2	771·6	771·7	770·6	770·7	.....	.....	.....	770·8	770·5	770·3
25	769·9	771·2	771·6	771·4	770·8	770·6	.....	.....	.....	770·6	770·5	770·3
26	769·9	771·2	771·6	771·4	770·8	770·6	.....	.....	.....	770·8	770·5	770·2
27	769·9	771·1	771·3	771·3	770·9	770·6	.....	.....	.....	770·7	770·5	770·2
28	770·0	771·2	771·6	771·4	770·9	770·3	.....	.....	.....	770·7	770·5	770·2
29	770·0	771·2	771·3	771·7	770·8	770·7	.....	.....	.....	770·7	.....	770·2
30	770·0	771·3	771·3	771·6	770·7	770·6	.....	.....	.....	770·8	.....	770·2
31	.....	771·3	.....	771·4	770·5	.....	.....	.....	.....	770·7	.....	770·2

Elevations above M.S.L. of Gordon Creek at Lumsden's Mills, for 1914–15.

TABLE No. 54.

1	770·24	770·54	771·14	771·54	771·74	771·34	771·14	770·64	770·64	770·54	770·54	770·54
2	770·24	770·24	771·04	771·94	771·14	771·44	771·14	770·64	770·54	770·54	770·54	770·54
3	769·94	770·44	771·34	771·74	771·14	771·44	770·74	770·64	770·54	770·54	770·54	770·54
4	769·84	770·64	771·44	771·84	771·64	771·34	770·64	770·64	770·54	770·54	770·64	770·54
5	770·24	770·44	771·04	771·74	771·64	771·34	770·74	770·64	770·54	770·54	770·54	770·54
6	769·74	770·24	771·84	771·74	771·74	771·14	770·64	770·64	770·54	770·54	770·54	770·54
7	769·74	770·24	770·64	771·84	771·74	771·44	770·64	770·74	770·54	770·54	770·54	770·54
8	769·74	770·34	771·84	771·94	771·74	771·34	770·74	770·64	770·44	770·54	770·54	770·54
9	769·64	770·34	771·34	771·84	771·54	771·14	770·64	770·74	770·54	770·54	770·54	770·54
10	769·74	770·34	771·34	771·84	771·54	771·14	770·74	770·64	770·54	770·54	770·54	770·54
11	769·84	770·44	771·74	771·94	771·64	771·14	770·64	770·54	770·54	770·54	770·54	770·54
12	769·94	770·44	771·34	771·64	771·64	771·14	770·74	770·64	770·54	770·54	770·54	770·54
13	769·94	770·44	771·54	771·84	771·64	770·94	770·74	770·64	770·54	770·54	770·54	770·54
14	769·54	770·34	771·74	771·74	771·54	771·14	770·64	770·64	770·54	770·54	770·54	770·54
15	769·54	770·44	771·84	771·74	771·54	771·14	770·74	770·54	770·54	770·54	770·54	770·44
16	769·64	770·74	771·84	771·74	771·54	771·14	770·64	770·54	770·54	770·54	770·54	770·54
17	769·64	770·64	771·74	771·64	771·64	771·14	770·74	770·64	770·54	770·54	770·54	770·54
18	770·44	770·84	771·64	771·64	771·74	771·04	770·74	770·64	770·54	770·54	770·54	770·54
19	770·24	770·84	771·64	771·84	771·74	771·14	770·64	770·64	770·54	770·54	770·54	770·54
20	770·44	770·94	771·74	771·74	771·74	770·94	770·64	770·54	770·44	770·54	770·54	770·54
21	770·44	770·94	771·84	771·74	771·84	771·14	770·64	770·54	770·44	770·54	770·54	770·54
22	770·34	771·04	771·64	771·74	771·64	771·04	770·74	770·54	770·54	770·54	770·54	770·54
23	770·54	771·04	771·74	771·74	771·34	771·14	770·74	770·64	770·44	770·54	770·54	770·54
24	770·44	771·14	771·84	771·84	771·64	771·14	770·74	770·64	770·44	770·54	770·54	770·54
25	770·64	771·04	771·14	771·84	771·64	771·14	770·64	770·64	.....	770·54	770·54	770·54
26	770·64	770·94	771·84	771·14	771·64	771·14	770·64	770·54	770·44	770·54	770·54	770·44
27	770·74	770·84	771·94	771·74	771·54	770·84	770·64	770·54	770·54	770·54	770·54	770·44
28	770·54	770·84	771·94	771·74	771·54	771·14	770·64	770·54	770·54	770·54	770·54	770·54
29	770·34	771·74	771·84	771·64	771·54	771·14	770·64	770·54	770·54	770·54	.....	770·54
30	770·34	770·64	771·74	771·64	771·34	771·14	770·64	770·64	770·54	770·54	.....	770·54
31	.....	771·64	.....	771·74	771·34	.....	770·64	.....	770·54	770·54	.....	770·54

Elevations above M.S.L. of Ottawa River at Timiskaming, below Dam, for 1911–12.

TABLE No. 55.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	567·57	572·92	576·17	574·06	569·64	568·97	568·37	568·97	570·22	570·40	569·12	569·12
2	567·57	573·47	576·07	573·66	569·59	569·02	568·27	568·97	570·27	570·37	569·05	569·15
3	567·52	573·92	576·02	573·16	569·64	568·97	568·22	568·92	570·22	570·35	569·01	569·17
4	567·52	578·67	575·82	572·86	569·74	568·92	568·12	568·97	570·12	570·17	568·97	569·17
5	567·52	578·37	575·72	572·56	569·74	568·92	568·52	568·92	570·12	570·17	568·92	569·17
6	567·52	578·07	575·52	572·27	569·69	568·92	568·12	568·87	570·12	570·12	568·87	569·17
7	567·47	577·77	575·37	572·07	569·67	568·87	568·12	568·92	570·02	570·07	568·87	569·14
8	567·42	577·62	575·27	571·89	569·69	568·87	568·12	568·97	570·02	570·07	568·82	569·14
9	567·42	577·47	575·12	571·79	569·64	568·82	568·07	568·97	570·02	570·02	568·77	569·12
10	567·37	577·32	575·07	571·64	569·69	568·82	567·97	568·97	570·02	569·97	568·72	569·13
11	567·37	577·07	575·17	571·49	569·74	568·77	567·97	568·97	570·07	569·97	568·69	569·11
12	567·37	576·97	574·97	571·24	569·69	568·72	568·22	569·27	570·17	569·92	568·67	569·09
13	567·32	576·87	575·07	571·04	569·57	568·72	568·22	569·37	570·27	569·87	568·62	569·07
14	567·32	576·82	574·57	570·94	569·52	568·67	568·32	569 57	570·37	569·87	568·57	569·10
15	567·67	576·72	574·47	570·79	569·47	568·67	568·27	569·62	570·47	569·87	568·62	569·15
16	567·82	576·67	574·37	570·54	569·52	568·62	568·22	569·72	570·47	569·77	568·67	569·11
17	567·92	576·62	574·42	570·34	569·47	568·62	567·92	569·77	570·53	569·82	568·67	569·10
18	567·97	576·57	574·37	569·94	569·42	568·57	567·87	569·82	570·60	569·77	568·67	569·10
19	568·07	576·42	574·37	569·74	569·42	568·57	567·77	569·92	570·55	569·72	568·72	569·12
20	568·27	576·37	574·37	569·84	569·37	568·52	567·77	569·97	570·47	569·67	568·77	569·12
21	568·37	576·27	574·57	569·94	569·32	568·52	567·77	570·12	570·55	569·62	568·77	569·07
22	568·52	576·27	574·67	570·04	569·32	568·52	567·77	570·17	570·55	569·62	568·82	569·03
23	568·82	576·32	574·57	569·99	569·32	568·52	567·82	570·07	570·53	569·57	568·87	568·94
24	569·22	576·37	574·47	569·94	569·27	568·47	567·82	570·12	570·55	569·52	568·87	568·94
25	569·57	576·47	574·47	569·84	569·22	568·42	567·87	570·17	570·55	569·47	568·92	568·93
26	569·92	576·67	574·46	569·84	569·22	568·42	568·22	570·17	570·65	569·37	568·97	568·84
27	570·42	576·57	574·46	569·74	569·22	568·42	568·27	570·22	570·60	569·27	569·02	568·73
28	570·92	576·52	574·46	569·61	569·22	568·37	568·57	570·27	570·57	569·22	569·02	568·67
29	571·47	576·47	574·36	569·54	569·12	568·32	568·67	570·27	570·53	569·22	569·08	568·63
30	572·32	576·42	574·36	569·64	569·07	568·39	568·77	570·22	570·47	569·17	.....	568·46
31	.....	576·27	.....	569·74	569·02	.....	568·87	.....	570·45	569·12	.....	568·35

Elevations above M.S.L. of Ottawa River below Timiskaming Dam, for 1912–13.

TABLE No. 56.

1	568·35	573·56	577·06	573·77	571·36	569·80	569·17	570·50	569·97	569·87	570·15	570·85
2	568·30	573·87	576·97	573·63	571·33	569·81	569·23	570·55	569·97	569·87	570·07	570·65
3	568·24	574·25	576·91	573·50	571·22	569·81	569·20	570·55	569·97	569·87	570·05	570·50
4	568·13	574·35	576·84	573·33	571·07	569·82	569·27	570·55	569·82	569·87	570·07	570·25
5	568·06	574·43	576·81	573·22	570·99	569·83	569·31	570·45	569·82	569·77	569·99	570·07
6	568·02	574·50	576·79	573·13	570·90	569·80	569·35	570·65	569·77	569·77	570·37	570·05
7	568·30	574·58	576·75	572·97	570·83	569·93	569·43	570·75	569·77	569·77	570·69	569·84
8	568·30	574·73	576·71	572·92	570·77	569·87	569·45	570·75	569·77	569·97	570·65	569·52
9	568·30	574·90	576·62	572·83	570·70	569·84	569·50	570·85	569·77	569·97	570·62	569·40
10	568·38	574·95	576·55	572·80	570·77	569·83	569·57	570·65	569·67	570·37	570·52	569·44
11	568·41	574·98	576·47	572·77	570·73	569·83	569·57	570·65	569·67	570·27	570·37	569·29
12	568·44	575·20	576·44	572·75	570·69	569·68	569·55	570·25	569·67	570·27	570·37	569·16
13	568·49	575·46	576·21	372·69	570·63	569·53	569·59	570·25	569·67	570·27	570·22	569·25
14	568·50	575·73	575·97	572·61	570·57	569·49	569·73	570·15	569·67	570·27	570·17	569·37
15	568·55	575·90	575·84	572·53	570·50	569·21	570·20	570·15	569·72	570·27	570·17	569·30
16	568·75	575·98	575·70	572·53	570·41	569·07	570·17	570·15	569·67	570·27	570·10	569·17
17	568·90	576·06	575·70	572·47	570·29	568·76	570·13	570·07	569·72	570·27	570·17	569·01
18	569·07	576·07	575·70	572·39	570·22	568·57	570·15	570·07	569·67	570·27	570·15	568·85
19	569·20	576·08	575·53	572·37	570·18	568·33	570·15	570·07	569·67	569·72	570·10	568·76
20	569·23	576·10	575·43	572·28	570·09	568·07	570·20	570·07	569·67	569·72	570·10	568·86
21	569·30	576·12	575·38	572·25	570·03	568·03	570·23	570·07	569·62	569·72	570·14	568·94
22	569·45	576·13	575·20	572·23	569·97	568·19	570·04	570·07	569·62	569·87	570·35	568·97
23	569·80	576·17	575·03	572·00	569·95	568·27	569·87	570·12	569·62	570·07	570·42	568·97
24	569·95	576·42	574·85	571·82	569·93	568·38	569·95	570·12	569·62	570·12	570·57	569·17
25	570·15	576·54	574·77	571·80	569·89	568·44	570·03	570·12	569·72	570·12	570·75	569·32
26	570·30	576·49	574·63	571·80	569·84	568·53	570·10	570·07	569·77	570·12	570·77	569·16
27	570·65	576·46	574·38	571·77	569·93	568·83	570·13	570·07	569·77	570·12	570·87	569·20
28	571·60	576·67	574·13	571·61	569·93	568·94	570·16	570·07	569·77	570·12	570·99	569·04
29	571·95	576·93	574·03	571·53	569·94	569·03	570·27	570·02	569·82	570·12	.....	568·97
30	572·80	577·07	573·90	571·63	569·95	569·09	570·30	569·97	569·87	570·02	.....	568·97
31	.....	577·07	.....	571·49	570·30	.....	570·40	.....	569·87	570·12	.....	569·07

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Elevations above M.S.L. of Ottawa River below Timiskaming Dam, for 1913–14.

TABLE No. 57.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	569·24	577·52	573·92	570·77	570·27	569·77	569·09	569·92	572·67	571·77	570·59	569·79
2	569·22	577·67	573·74	570·79	570·37	569·74	569·07	569·97	572·94	571·77	570·57	569·72
3	569·19	577·62	573·47	570·84	570·37	569·74	569·04	569·92	573·22	571·77	570·54	569·69
4	569·19	577·49	573·47	570·84	570·37	569·72	569·00	570·02	573·19	571·52	570·57	569·64
5	569·14	577·39	573·54	570·79	570·27	569·72	568·97	570·04	573·17	571·12	570·64	569·77
6	569·28	577·24	573·52	570·57	570·24	569·67	568·97	570·07	573·07	571·12	570·82	569·84
7	569·02	577·32	573·52	570·57	570·22	569·62	568·92	570·09	573·07	571·22	570·94	569·87
8	568·26	577·22	573·54	570·49	570·17	569·62	568·92	570·22	573·09	570·97	571·02	569·87
9	567·84	577·27	573·52	570·47	570·27	589·63	568·89	570·47	573·02	570·87	570·84	570·09
10	567·79	577·24	573·59	570·47	570·14	569·52	568·87	570·32	572·95	570·87	571·02	570·62
11	567·59	577·19	573·57	570·37	570·17	569·57	568·87	570·39	572·89	570·87	571·09	570·67
12	567·39	577·04	573·52	570·29	570·14	569·57	568·87	570·47	572·77	570·77	571·02	570·62
13	567·44	577·07	573·47	570·27	570·07	569·54	568·87	570·57	572·74	570·77	570·62	570·62
14	567·59	577·04	573·52	570·31	570·07	569·52	568·82	570·67	572·74	570·77	570·52	570·72
15	567·69	576·89	573·27	570·47	570·07	569·52	568·82	570 77	572 64	570·67	570·64	570·59
16	567·82	576·50	573·37	570·38	570·02	569·52	568·82	570·82	572·47	570·67	570·54	570·54
17	567·96	575·84	573·27	570·28	570·02	569·54	568·84	570·80	572·37	570·64	570·72	570·22
18	568·16	575·72	572·88	570·08	570·02	569·50	568·87	570·84	572·39	570·54	570·69	570·19
19	568·27	575·67	572·24	570·22	570·02	569·47	568·92	570·89	572·35	570·41	570·62	570·17
20	568·34	575·39	571·72	570·37	569·98	569·47	568·94	571·52	572·32	569·84	570·54	569·99
21	568·49	575·32	571·49	570·44	570·04	569·37	568·97	572·02	572·27	569·79	570·37	569·84
22	568·59	575·22	571·52	570·52	570·02	569·27	568·92	572·02	572·37	570·22	570·22	569·87
23	568·67	574·82	571·56	570·52	570·04	569·24	568·97	572·84	571·97	570·17	570·12	569·75
24	568·89	574·54	571·57	570·54	570·02	569·22	569·27	572·84	571·77	570·14	570·09	569·67
25	569·17	574·54	570·72	570·52	569·92	569·19	569·44	572·74	571·77	570·07	570·02	569·57
26	571·17	574·49	570·72	570·52	569·92	569·17	569·54	572·79	571·77	570·02	569·92	569·45
27	573·75	574·42	570·89	570·52	569·87	569·17	569·59	572·84	571·77	570·02	569·97	569·57
28	575·29	574·32	570·97	570·47	569·82	569·12	569·69	572·77	571·77	570·14	569·92	569·50
29	576·22	574·07	570·89	570·32	569·79	569·12	569·72	572·72	571·77	570·12	.....	569·47
30	577·07	574·02	570·84	570·32	569·84	569·12	569·79	572·70	571·77	570·44	.....	569·37
31	.....	573·94	.....	570·29	569·77	.....	569·82	.....	571·77	570·62	.....	569·25

Elevations above M.S.L. of Ottawa River below Timiskaming Dam, for 1914–15.

TABLE No. 58.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	569·14	572·02	572·50	571·49	569·15	567·95	567·14	566·87	567·37	567·67	567·82	567·07
2	569·22	572·22	572·47	571·41	569·06	567·94	567·16	567·03	567·40	567·74	567·77	567·02
3	569·14	572·35	572·54	571·19	569·06	567·91	567·16	566·88	567·45	567·73	567·76	567·02
4	568·99	572·70	572·58	571·12	569·00	567·95	567·16	566·91	567·47	567·69	567·72	567·02
5	568·95	573·12	572·55	571·05	568·93	567·89	567·13	566·97	567·52	567·70	567·72	567·02
6	568·90	573·44	572·54	570·89	568·86	567·91	567·12	566·99	567·54	567·75	567·72	567·02
7	568·85	573·77	572·38	570·82	568·86	568·03	567·06	566·92	567·57	567·77	567·72	567·02
8	568·80	574·05	572·06	570·79	568·80	568·02	567·05	567·04	567·63	567·74	567·73	567·02
9	568·78	574·19	571·69	570·80	568·70	567·96	567·03	567·02	567·63	567·76	567·72	567·02
10	568·74	574·37	571·69	570·80	568·66	567·94	567·03	566·97	567·65	567·76	567·73	567·02
11	568·74	574·50	571·70	570·74	568·74	567·92	567·00	566·98	567·62	567·75	567·79	567·02
12	568·77	574·57	571·72	570·62	568·64	567·91	566·98	566·99	567·65	567·76	567·81	567·02
13	568·70	574·49	571·70	570·54	568·53	567·90	566·98	567·04	567·63	567·75	567·75	567·02
14	568·65	574·47	572·68	570·47	568·53	567·86	566·98	567·00	567·73	567·73	567·72	566·97
15	568·62	573·62	573·40	570·38	568·53	567·87	566·97	566·94	567·70	567·77	567·71	566·92
16	568·65	572·70	573·22	570·30	568·46	567·89	566·97	567·07	567·72	567·77	567·74	566·92
17	568·67	572·76	573·06	570·22	568·42	567·95	566·97	567·12	567·70	567·74	567·71	566·97
18	568·72	572·92	572·95	570·21	568·44	567·89	566·97	567·07	567·67	567·77	567·70	566·92
19	569·12	572·97	572·89	570·13	568·46	567·78	566·97	567·12	567·71	567·79	567·70	566·92
20	569·47	573·26	572·73	569·97	568·37	567·70	566·97	567·18	567·73	567·78	567·70	566·92
21	569·27	573·22	572·61	569·96	568·36	567·62	566·97	567·19	567·75	567·80	567·70	566·92
22	569·52	573·02	572·50	569·80	568·31	567·55	567·02	567·28	567·77	567·82	567·59	566·92
23	569·60	572·55	572·37	569·76	568·14	567·65	566·95	567·30	567·68	567·79	567·32	566·87
24	569·65	572·52	572·29	569·73	.....	567·56	567·03	567·25	567·69	567·75	567·07	566·87
25	569·75	572·27	572·20	569·69	.....	567·54	566·94	567·27	567·73	567·90	567·10	566·87
26	570·22	572·22	572·10	569·55	.....	567·41	567·06	567·30	567·75	567·99	567·02	566·87
27	570·62	572·17	572·01	569·59	.....	.....	566·93	567·38	567·77	568·01	567·10	566·87
28	571·05	572·27	571·92	569·51	.....	567·35	566·92	567·31	567·77	568·04	567·02	566·92
29	571·39	572·37	571·83	569·42	.....	567·18	566·91	567·30	567·68	567·98	.....	566·92
30	571·72	572·43	571·67	569·33	.....	567·14	566·94	567·32	567·71	567·96	.....	566·92
31	.....	572·54	.....	569·20	.....	.....	566·86	.....	567·70	567·96	.....	566·92

Elevations above M.S.L. of Mattawa River at Turtle Dam, for 1906.

TABLE No. 59.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1										662·82	663·42	663·44
2										662·82	663·47	663·47
3										662·84	663·52	663·47
4										662·84		
5										662·84	663·52	663·49
6										662·84	663·52	663·51
7											663·53	663·51
8										662·83	663·53	663·50
9										662·83	663·54	663·48
10										622·83	633·54	633·48
11										662·84		
12										662·84	663·52	663·47
13										662·84	663·49	663·44
14											663·47	663·42
15										662·87	663·45	663·37
16										662·87	663·42	663·35
17										662·87	663·40	663·33
18										662·88		
19										662·88	663·37	663·30
20										662·88	663·37	663·28
21											663·40	663·26
22										662·92	663·40	663·24
23										662·97	663·41	663·23
24										663·02	663·41	663·22
25										663·07		
26										663·12	663·42	663·24
27										663·22	663·42	663·30
28											663·43	663·31
29										663·32		663·32
30										663·32		663·34
31										663·37		663·36

Elevations above M.S.L. of Mattawa River at Turtle Dam, for 1906.

TABLE No. 60.

1		665·48	664·90		662·92	662·49	662·22	662·34	662·47			
2	663·39	665·50	664·86	664·42	662·89		662·22	662·34				
3	663·39	665·54		664·37	662·87	662·47	662·22	662·36	662·50			
4	663·40	665·55	664·82	664·32	662·82	662·47	662·23		662·52			
5	663·40	665·57	664·80	664·30		662·47	662·24	662·37	662·57			
6	663·47		664·82	664·27	662·77	662·45	662·24	662·37	662·57			
7	663·87	665·59	664·87	664·12	662·72	662·45		662·38	662·57			
8		665·63	664·97		662·72	662·44	662·24	662·38	662·58			
9	663·99	665·67	665·00	664·02	662·72		662·24	662·37				
10	664·03	665·69		664·00	662·72	662·42	662·24	662·36	662·61			
11	664·08	665·71	665·02	663·97	662·72	662·40	662·23		662·61			
12	664·12	665·73	664·97	663·90		662·37	662·23	662·37	662·59			
13	664·19		664·97	663·82	662·70	662·34	662·22	662·37	662·58			
14	664·34	665·90	664·95	663·72	662·69	662·32		662·37	662·57			
15		665·92	664·92		662·67	662·32	662·22	662·36	662·57			
16	664·42	665·92	664·87	663·57	662·64		662·22	662·36				
17	664·62	665·92		663·55	662·62	663·30	662·23	662·35	662·57			
18	664·82	665·87	664·82	663·42	662·59	662·24	662·24		662·57			
19	664·92	665·82	664·82	663·37		662·24	662·25	662·35	662·58			
20	665·02		664·79	663·32	662·52	662·24	662·25	662·35	662·58			
21	665·17	665·72	664·76	663·29	662·52	662·25		662·35	662·58			
22		665·69	664·72		662·52	662·27	662·25	662·37	662·59			
23	665·32	665·50	664·72	663·22	662·53		662·25	662·37				
24	665·35	665·42		663·19	662·53	662·25	662·26	662·37	662·61			
25	665·37	665·32	664·67	663·14	662·53	662·25	662·26		662·61			
26	665·39	665·27	664·64	663·07		662·23	662·27	662·40	662·61			
27	665·40		664·62	663·02	662·62	662·22	662·27	662·41	662·62			
28	665·42	665·17	664·57	663·42	662·64	662·22		662·43	662·62			
29		665·02	664·52		662·62	662·22	666·29	662·43	662·62			
30	665·47	665·02	664·47	662·95	662·57		662·31	662·45				
31		664·97		662·82	662·52		662·32					

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Elevations above M.S.L. of White Fish Lake, for 1905–06.

TABLE No. 61.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	641·98	642·11	641·35	641·42	641·02	.....	641·15	641·19	641·10	641·32	641·18
2	.....	641·94	641·60	.....	641·44	641·02	640·99	641·15	641·15	641·10	641·33	641·19
3	641·48	641·91	641·61	641·90	641·43	.....	641·00	641·16	.....	641·10	641·33	641·19
4	641·48	642·04	.....	641·91	641·40	641·00	641·00	641·16	641·15	641·10	.....	.....
5	641·54	642·10	641·50	641·85	641·40	641·00	641·01	.....	641·15	641·10	641·30	641·19
6	641·55	642·11	641·51	641·70	.....	641·10	641·00	641·18	641·13	641·10	641·30	641·19
7	641·99	.....	641·51	641·40	641·35	641·10	641·00	641·18	641·13	.....	641·28	641·19
8	641·44	642·37	641·52	641·45	641·36	641·05	.....	641·19	641·13	641·11	641·25	641·19
9	.....	642·39	641·51	.....	641·35	641·05	640·98	641·19	641·12	641·60	641·22	641·19
10	641·54	641·95	641·51	641·33	641·33	.....	640·98	641·20	.....	641·15	641·20	641·18
11	641·53	641·94	.....	641·30	641·30	641·05	640·95	641·20	641·12	641·15	.....	.....
12	641·59	641·70	641·35	741·45	641·30	641·04	640·90	.....	641·12	641·12	641·20	641·15
13	641·97	641·71	641·37	641·42	.....	641·02	640·90	641·18	641·12	641·12	641·20	641·15
14	642·67	.....	641·40	641·40	641·28	641·00	640·90	641·18	641·12	.....	641·18	641·15
15	642·68	642·20	641·38	641·41	641·25	640·95	.....	641·18	641·11	641·10	641·18	641·13
16	.....	642·21	641·40	.....	641·22	641·00	640·91	641·19	641·11	641·11	641·16	641·13
17	642·20	643·31	641·40	642·10	641·20	.....	640·91	641·19	.....	641·13	641·15	641·10
18	642·14	643·38	.....	642·05	641·20	641·25	641·05	641·20	641·10	641·13	.....	.....
19	642·14	643·31	642·90	642·05	641·20	641·30	641·10	.....	641·20	641·13	641·15	641·10
20	642·11	643·38	642·12	642·00	.....	641·30	641·20	641·20	641·20	641·15	641·15	641·05
21	642·22	.....	644·28	642·00	641·20	641·28	641·25	641·20	641·18	.....	641·16	641·02
22	642·14	642·33	644·30	642·01	641·18	641·25	.....	641·20	641·16	641·20	641·16	641·05
23	.....	642·32	644·31	.....	641·15	641·20	641·22	641·20	641·16	641·20	641·17	641·06
24	642·51	642·30	644·25	642·00	641·10	.....	641·20	641·20	.....	641·25	641·17	641·07
25	642·52	642·31	.....	641·95	641·05	641·15	641·20	641·22	641·16	641·28	.....	.....
26	642·06	642·13	644·00	641·90	641·04	641·10	641·20	.....	641·14	641·30	641·19	641·08
27	642·08	642·12	644·02	641·90	.....	641·08	641·18	641·20	641·14	641·30	641·19	641·11
28	642·65	.....	642·23	641·60	641·00	641·04	641·15	641·22	641·12	.....	641·19	641·13
29	641·83	642·11	641·68	641·50	641·00	641·02	.....	641·22	641·12	641·30	.....	641·16
30	.....	642·10	641·33	.....	641·00	641·00	641·20	641·22	641·10	641·30	.....	641·16
31	.....	642·10	.....	641·40	641·01	.....	641·20	.....	.....	641·32	.....	641·17

Elevations above M.S.L. of White Fish Lake, for 1906.

TABLE No. 62.

1	.....	642·02	642·20	.....	641·29	641·15	641·00	641·19	641·18	.....	.....	.....
2	641·15	641·95	642·10	641·60	641·27	.....	641·00	641·20	.....	.....	.....	.....
3	641·15	641·90	.....	641·55	641·25	641·15	641·00	641·20	641·18	.....	.....	.....
4	641·16	641·91	641·80	641·55	641·22	641·15	641·01	.....	641·22	.....	.....	.....
5	641·18	641·85	641·85	641·53	.....	641·12	641·01	641·22	641·25	.....	.....	.....
6	641·25	.....	641·89	641·50	641·21	641·12	641·01	641·22	641·25	.....	.....	.....
7	641·32	641·82	642·00	641·50	641·20	641·11	.....	641·20	641·25	.....	.....	.....
8	.....	641·70	642·05	.....	641·20	641·10	641·02	641·15	641·25	.....	.....	.....
9	641·27	641·67	642·10	641·35	641·16	.....	641·02	641·12	.....	.....	.....	.....
10	641·25	641·65	.....	641·35	641·13	641·10	641·01	641·10	641·22	.....	.....	.....
11	641·26	641·62	642·10	641·38	641·10	641·01	641·01	.....	641·22	.....	.....	.....
12	641·30	641·60	642·05	641·37	.....	641·01	641·01	641·07	641·22	.....	.....	.....
13	641·51	.....	641·90	641·35	641·10	641·05	641·00	641·05	641·20	.....	.....	.....
14	641·60	642·10	641·80	641·35	641·10	641·03	.....	641·05	641·20	.....	.....	.....
15	.....	642·10	641·75	.....	641·07	641·00	641·00	641·02	641·20	.....	.....	.....
16	641·78	642·05	641·62	641·30	641·05	.....	641·02	641·02	.....	.....	.....	.....
17	641·90	642·08	.....	641·30	641·05	640·99	641·02	641·01	641·18	.....	.....	.....
18	642·15	642·18	641·60	641·30	641·02	640·98	641·02	.....	641·18	.....	.....	.....
19	642·50	643·10	641·60	641·28	.....	640·97	641·04	641·00	641·20	.....	.....	.....
20	642·58	.....	641·58	641·25	641·07	640·97	641·05	641·00	641·20	.....	.....	.....
21	642·70	643·41	641·55	641·25	641·10	640·99	.....	641·02	641·19	.....	.....	.....
22	.....	643·45	641·50	.....	641·10	641·00	641·07	641·04	641·19	.....	.....	.....
23	642·80	643·05	641·48	641·22	641·10	.....	641·07	641·05	.....	.....	.....	.....
24	642·75	643·00	.....	641·20	641·10	641·00	641·09	641·05	641·19	.....	.....	.....
25	642·70	642·80	641·48	641·22	641·11	641·00	641·10	.....	641·19	.....	.....	.....
26	642·55	642·75	641·49	641·25	.....	641·02	641·15	641·10	641·20	.....	.....	.....
27	642·10	.....	641·50	641·25	641·20	641·02	641·15	641·15	641·20	.....	.....	.....
28	642·11	642·60	641·52	641·28	641·20	641·00	.....	641·15	641·22	.....	.....	.....
29	.....	642·50	641·55	.....	641·18	641·00	641·18	641·17	641·22	.....	.....	.....
30	642·00	642·44	641·60	641·30	641·16	.....	641·18	641·20	.....	.....	.....	.....
31	.....	642·30	.....	641·30	641·16	.....	641·18	.....	641·22	.....	.....	.....

Elevations above M.S.L. of Nosbonsing Lake at Bonfield Ont., for 1905–06.

TABLE No. 63.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	780·30	780·87	780·63	780·64	779·48	778·91	.....	778·91	777·61	777·87	778·64	778·99
2	.....	780·85	780·36	.....	779·47	778·86	778·69	778·86	777·64	777·87	778·66	779·01
3	780·42	780·87	780·40	780·61	779·46	.....	778·61	778·76	.....	777·89	778·68	779·04
4	780·53	780·98	.....	780·57	779·46	778·99	778·51	778·66	777·64	777·89	.....	.....
5	780·60	780·98	780·44	780·38	779·45	779·00	778·48	.....	777·65	777·91	778·69	779·05
6	780·67	780·99	780·52	780·26	.....	779·01	778·47	778·46	777·66	777·91	778·69	779·06
7	780·68	.....	780·55	780·24	779·48	779·01	778·46	778·38	777·66	.....	778·71	779·07
8	780·70	781·00	780·58	780·16	779·51	778·96	.....	778·31	777·69	777·93	778·74	779·08
9	.....	781·02	780·60	.....	779·48	778·99	778·51	778·24	777·69	777·95	778·74	779·09
10	780·73	781·04	780·60	780·06	779·48	.....	778·56	778·06	.....	777·96	778·76	779·09
11	780·75	781·00	.....	780·75	779·48	779·04	778·56	777·91	777·71	778·00	.....	.....
12	780·77	780·98	780·66	779·96	779·47	779·04	778·58	.....	777·71	778·03	778·76	779·11
13	780·79	780·99	780·73	779·86	.....	779·01	778·59	777·68	777·72	778·04	778·79	779·11
14	780·83	.....	780·74	779·76	779·36	779·03	778·59	777·61	777·74	.....	778·79	779·13
15	780·85	781·02	780·75	779·50	779·31	779·04	.....	777·48	777·74	778·06	778·81	779·14
16	.....	781·02	780·78	.....	779·31	779·05	778·58	777·46	777·76	778·06	778·81	779·14
17	780·97	780·99	780·81	779·44	779·30	.....	778·60	777·31	.....	778·11	778·84	779·16
18	780·93	781·00	.....	779·61	779·30	779·16	778·68	.....	777·76	778·12	.....	.....
19	780·87	781·03	780·83	779·56	779·28	779·21	778·72	.....	777·76	778·16	778·86	779·16
20	780·86	781·03	780·83	779·55	.....	779·29	778·78	777·31	777·77	778·18	778·88	779·16
21	780·84	.....	780·84	779·55	779·26	779·30	778·79	777·36	777·79	.....	778·89	779·16
22	780·82	780·96	780·85	779·51	779·26	779·31	.....	777·36	777·79	778·26	.....	779·17
23	.....	780·96	780·76	.....	779·24	779·31	778·81	777·39	777·81	778·36	.....	779·17
24	780·84	780·97	780·78	779·53	779·21	.....	778·86	777·41	.....	778·46	.....	779·18
25	780·85	780·97	.....	779·54	779·11	779·21	778·86	777·41	777·82	778·49	.....	.....
26	780·80	780·96	780·66	779·55	779·06	779·06	778·88	.....	777 82	778 51	778 96	779 21
27	780·79	780·97	780·68	779·54	.....	779·01	778·88	777·46	777 84	778·54	778·97	779·28
28	780·79	.....	780·71	779·54	779·01	779·01	778·91	777·54	777·84	.....	778·97	779·29
29	780·82	780·72	780·64	779·51	779·01	778·91	.....	777·56	777·86	778·56	.....	779·28
30	.....	780·63	780·66	.....	778·76	778·81	778·96	777·61	777·86	778·59	.....	779·28
31	.....	780·66	.....	779·49	778·91	.....	778·93	.....	.....	778·63	.....	779·27

Elevations above M.S.L. of Nosbonsing Lake at Bonfield, Ont., for 1906.

TBALE No. 64

1	.....	780·34	780·41	.....	778·91	778·24	778·18	778·08	778·51	.....	.....	.....
2	779·27	780·40	780·79	780·61	778·91	.....	778·21	778·08	.....	.....	.....	.....
3	779·28	780·46	.....	780·69	778·89	778·24	778·21	778·09	778·53	.....	.....	.....
4	779·31	780·51	780·46	780·56	778·88	778·26	778·21	.....	778·55	.....	.....	.....
5	779·34	780·55	780·46	780·51	.....	778·26	778·24	778·07	778·55	.....	.....	.....
6	779·41	.....	780·51	780·36	778·88	778·26	778·24	778·07	778·59	.....	.....	.....
7	779·48	780·63	780·54	780·28	778·88	778·26	.....	778·07	778·61	.....	.....	.....
8	.....	780·65	780·59	.....	778·88	778·26	778·06	778·08	778·66	.....	.....	.....
9	779·58	780·67	780·61	780·16	778·88	.....	777·96	778·09	.....	.....	.....	.....
10	779·63	780·69	.....	780·11	778·88	778·26	777·84	778·14	778·66	.....	.....	.....
11	779·66	780·77	780·61	780·11	778·88	778·27	777·81	.....	778·68	.....	.....	.....
12	779·69	780·85	780·61	780·09	.....	778·27	777·76	778·13	778·71	.....	.....	.....
13	779·72	.....	780·61	779·96	778·88	778·27	777·82	778·13	778·71	.....	.....	.....
14	779·78	780·91	780·61	779·86	778·86	778·24	.....	778·14	778·74	.....	.....	.....
15	.....	780·86	780·64	.....	778·81	778·21	777·79	778·14	778·74	.....	.....	.....
16	779·90	780·81	780·69	779·68	778·81	.....	777·78	778·15	.....	.....	.....	.....
17	779·91	780·84	.....	779·56	778·79	778·19	777·76	778·16	778·76	.....	.....	.....
18	779·96	780·86	780·70	779·51	778·79	778·18	777·81	.....	778·76	.....	.....	.....
19	780·03	780·78	780·70	779·44	.....	778·19	777·91	778·19	778·76	.....	.....	.....
20	780·06	.....	780·70	779·36	778·79	778·18	777·91	778·21	778·77	.....	.....	.....
21	780·12	780·76	780·71	779·16	778·78	778·18	.....	778·26	778·77	.....	.....	.....
22	.....	780·96	780·71	.....	778·76	778·21	777·93	778·31	778·78	.....	.....	.....
23	780·16	780·76	780·71	779·06	778·76	.....	777·96	778·31	.....	.....	.....	.....
24	780·19	780·76	.....	779·04	778·74	778·18	777·99	778·36	778·79	.....	.....	.....
25	780·21	780·79	780·71	779·01	778·74	778·18	777·99	.....	778·79	.....	.....	.....
26	780·24	780·81	780·69	778·96	.....	778·21	778·01	778·37	778·80	.....	.....	.....
27	780·25	.....	780·66	778·96	778·56	778·21	778·04	778·41	778·81	.....	.....	.....
28	780·26	780·86	780·66	778·96	778·51	778·21	.....	778·44	778·81	.....	.....	.....
29	.....	780·86	780·66	.....	778·36	778·21	778·06	778·47	778·83	.....	.....	.....
30	780·31	780·71	780·64	778·96	778·31	.....	778·06	778·51	.....	.....	.....	.....
31	.....	780·56	.....	778·93	778·24	.....	778·06	.....	778·86	.....	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Lake Talon at Talon Dam, for 1905.

TABLE No. 65.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												
2												636·06
3												636·01
4												636·01
5												
6												634·94
7												634·89
8												634·86
9												634·84
10												634·84
11												634·84
12												634·81
13												634·74
14												634·74
15												634·67
16												634·64
17												
18												
19												
20												634·69
21												634·46
22												634·44
23												634·33
24												634·24
25												634·23
26											635·16	
27												634·40
28												634·46
29												634·69
30												635·19
31												635·59

Elevations above M.S.L. of Lake Talon at Talon Dam, for 1905–06.

TABLE No. 66.

1	636·04	640·77	641·41	637·44	636·44	634·64		634·64	635·09	633·56	634·25	634·34
2		641·03		637·39	636·69	634·64	635·14	634·59	635·04	633·44	634·26	634·34
3	636·66	641·06		637·46	636·44		635·14	634·54		633·49	634·26	634·34
4	636·89	641·29		637·44	636·29	634·69	635·14	634·52	635·04	633·46		
5	637·33	641·33	641·74	637·59	636·09	634·74	635·29		634·89	633·44	634·32	634·34
6	637·49	641·54	641·54	637·74		634·74	635·44	634·59	634·84	633·44	634·32	634·34
7	637·64		641·39	637·94	635·74	634·74	635·49	634·84	634·74		634·32	634·34
8		641·82	641·39	638·14	635·64	634·74		635·04	634·69	633·39	634·32	634·36
9		641·84	641·39	638·29	635·54	634·74	635·49	635·14	634·64	633·36	634·32	634·38
10	637·76	641·92	640·64	638·42	635·39		635·54	635·24		633·34	634·32	634·39
11	637·94	641·85	640·64	638·44	635·24	634·59	635·59	635·34	634·54	633·34		
12	638·04	641·76	640·64	638·54	635·14	634·54	685·64		634·46	633·29	634·34	634·42
13	638·02	641·72	640·64	638·74		634·49	635·69	635·44	634·40	633·24	634·34	634·42
14	638·15		640·59	638·94	635·14	634·44	635·44	635·59	634·34		634·34	634·42
15	638·16	641·74	640·44	639·02	635·09	634·49		635·62	634·26	633·22	634·34	634·42
16		641·84	640·24	639·29	634·94	634·52	635·04	635·69	634·23	633·22	634·34	634·42
17	638·06	642·04	639·99	639·49	634·79		634·99	635·64		633·22	634·34	634·44
18	637·95	642·34	640·24	639·79	634·84	634·74	634·99	635·59	634·09	633·19		
19	637·95	642·34	640·20	639·79	634·74	634·84	634·94		634·04	633·19	634·34	634·44
20	638·13	642·36	639·94	639·54		634·94	635·04	635·59	633·99	633·19	631·35	634·44
21	638·33		639·84	639·24	634·84	634·99	635·09	635·56	633·94		634·39	634·44
22	638·45	642·14	639·54	639·04	634·84	635·04		635·55	633·91	633·24	634·39	631·43
23		642·04	639·34	639·09	634·84	634·99	635·19	635·54	633·84	633·79	634·39	634·43
24	638·82	642·03	639·04	638·94	634·81		635·14	635·44		634·12	634·34	634·43
25	639·04	641·94		638·64	634·74	634·99	635·14	635·34	633·74	634·12		
26	639·36	641·87	638·34	638·34	634·70	634·94	635·04		633·74	634·19	634·34	634·43
27	639·54		638·19	638·04		634·89	634·99	635·19	633·69	634·62	634·34	634·62
28	639·87		637·94	637·79	634·54	634·84	634·90	635·24	633·64		634·34	634·59
29	640·17	641·42	637·19	637·54	634·44	634·89		635·14	633·63	633·69		634·49
30		641·42	637·44		634·59	634·89	634·79	635·09	633·61	634·19		634·46
31		641·42		637·14	634·69		634·74			634·24		634·44

Elevations above M.S.L. of Talon Lake at Talon Dam, for 1906.

TABLE No. 67.

Day.	April.	May.	June.	July.	Aug.	Spet.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	641·48	641·58	.....	637·18	634·44	634·13	634·84	635·37	.....	.....	.....
2	634·49	641·40	641·68	636·94	637·05	.....	634·14	634·82	.....	.....	.....	.....
3	634·52	641·48	.....	636·97	636·92	634·58	634·13	634·80	635·42	.....	.....	.....
4	634·44	641·45	641·30	636·99	636·74	634·64	634·12	.....	635·44	.....	.....	.....
5	634·42	641·44	641·00	637·01	.....	634·64	634·14	634·82	635·47	.....	.....	.....
6	634·34	.....	640·90	637·03	635·84	634·64	634·15	634·85	635·49	.....	.....	.....
7	634·29	641·32	640·88	637·06	635·56	634·64	.....	634·84	635·52	.....	.....	.....
8	.....	641·30	641·08	.....	635·39	634·63	634·22	634·82	635·55	.....	.....	.....
9	634·22	641·25	640·90	637·14	635·23	.....	634·26	634·83	.....	.....	.....	.....
10	634·16	641·20	.....	637·25	635·08	634·58	634·32	634·85	635·52	.....	.....	.....
11	634·14	641·15	640·75	637·40	634·94	634·56	634·34	.....	635·50	.....	.....	.....
12	634·13	641·20	640·52	637·43	.....	634·54	634·36	634·87	635·49	.....	.....	.....
13	634·13	.....	640·40	637·51	634·29	634·49	634·37	634·88	635·47	.....	.....	.....
14	634·12	641·69	640·02	637·57	634·52	634·43	.....	634·89	635·46	.....	.....	.....
15	.....	641·71	639·92	.....	634·44	634·40	634·42	634·90	635·43	.....	.....	.....
16	634·14	641·71	639·29	637·70	634·52	.....	634·47	634·91	.....	.....	.....	.....
17	635·34	641·78	.....	637·82	634·98	634·34	634·50	634·92	635·40	.....	.....	.....
18	635·84	641·80	638·94	637·92	635·44	634·32	634·56	.....	635·39	.....	.....	.....
19	.....	641·70	638·80	638·04	.....	634·30	634·60	634·94	635·37	.....	.....	.....
20	.....	.....	638·65	638·03	634·42	634·25	634·65	634·97	635·36	.....	.....	.....
21	.....	641·00	638·48	638·00	634·37	634·22	.....	635·00	635·34	.....	.....	.....
22	.....	640·87	638·13	.....	634·32	634·30	634·72	635·04	635·32	.....	.....	.....
23	.....	640·70	637·97	638·02	634·26	.....	634·76	635·07	.....	.....	.....	.....
24	.....	640·59	.....	638·21	634·22	634·23	634·79	635·09	635·32	.....	.....	.....
25	642·01	640·80	637·67	638·00	634·17	634·21	634·81	.....	635·32	.....	.....	.....
26	641·82	641·08	637·52	637·91	.....	634·18	634·86	635·12	635·32	.....	.....	.....
27	641·70	.....	637·37	637·72	634·22	634·22	634·91	635·17	635·32	.....	.....	.....
28	641·60	641·30	637·22	637·60	634·27	634·17	.....	635·22	635·32	.....	.....	.....
29	.....	641·35	637·07	.....	634·32	634·14	634·89	635·27	635·32	.....	.....	.....
30	641·45	641·42	636·90	637·42	634·37	.....	634·88	635·32	.....	.....	.....	.....
31	.....	641·57	.....	637·30	634·40	.....	634·86	.....	635·34	.....	.....	.....

Elevations above M.S.L. of Kai-bus-kong River at Menard's Bridge, for 1905.

TABLE No. 68

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·55
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·52
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·52
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·63
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·65
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·76
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·65
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·66
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·66
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·68
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	680·49
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	680·61
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	680·58
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	680·44
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	679·37

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Kai-bus-kong River at Menard's Bridge, for 1905–06.

TABLE NO. 69.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	679·60	679·16	681·89	678·71	678·50	678·40	.....	682·15	678·70	678·80	679·43	679·85
2	.....	679·14	679·46	.....	678·50	678·38	681·93	682·10	678·65	678·82	679·43	679·81
3	678·99	679·05	679·45	679·14	678·45	.....	678·50	681·30	.....	678·85	679·42	679·43
4	679·21	679·23	.....	681·80	678·42	678·20	681·30	681·20	678·63	678·87	.....	.....
5	679·38	679·39	678·70	678·83	678·39	678·24	681·20	.....	678·63	678·87	679·40	679·60
6	679·30	679·39	678·74	678·80	.....	678·25	678·50	681·00	678·65	678·89	679·40	679·55
7	679·19	.....	678·68	678·80	678·44	678·25	678·48	680·90	678·65	.....	679·40	679·50
8	679·08	679·47	678·69	678·43	678·45	678·23	.....	680·80	678·67	678·89	679·38	679·50
9	.....	679·52	678·58	.....	678·45	678·23	678·48	680·70	678·68	678·90	679·36	679·52
10	679·17	679·33	678·58	681·65	678·44	.....	678·49	680·60	.....	678·90	679·34	679·55
11	679·21	679·31	.....	679·00	678·42	678·20	678·49	680·60	678·68	678·90	.....	.....
12	679·23	679·27	678·80	681·35	678·45	678·23	678·49	.....	678·68	678·91	679·34	679·55
13	679·22	679·28	679·00	678·95	.....	678·25	678·45	680·50	678·69	678·93	679·34	679·60
14	679·21	.....	678·95	681·30	678·45	678·25	678·45	680·40	678·70	.....	679·35	679·62
15	679·21	679·42	678·56	681·62	678·46	678·28	.....	680·35	678·70	678·98	679·40	679·62
16	.....	679·48	678·60	.....	678·40	678·30	678·43	680·32	678·70	678·98	679·45	679·60
17	679·14	679·54	678·60	680·05	678·40	.....	678·43	680·32	.....	679·00	679·50	679·58
18	679·35	679·50	.....	680·00	678·35	678·40	678·55	680·30	678·88	679·00	.....	.....
19	679·08	679·44	678·95	678·48	678·30	678·40	678·72	.....	678·88	679·01	679·55	679·58
20	679·07	679·40	678·94	678·50	.....	678·40	678·60	678·80	678·88	679·01	679·60	679·58
21	679·06	.....	678·90	678·45	678·25	678·35	678·70	678·81	678·88	.....	679·65	679·98
22	679·07	679·20	678·92	678·42	678·25	678·25	.....	678·75	678·85	679·02	679·70	679·98
23	.....	679·21	678·80	.....	678·30	678·25	678·60	678·70	678·85	679·05	679·80	680·00
24	679·03	678·84	678·82	678·50	678·28	.....	678·62	678·60	.....	679·08	679·85	680·03
25	679·04	678·84	.....	678·50	681·60	678·20	678·60	678·50	678·84	679·25	.....	.....
26	678·98	679·20	678·81	678·49	678·50	678·20	678·55	.....	678·84	679·30	679·85	680·08
27	678·93	679·28	678·60	678·48	.....	681·50	678·50	678·60	678·83	679·40	679·85	680·60
28	678·90	.....	678·75	678·50	680·90	681·55	678·50	678·65	678·83	.....	679·87	680·55
29	679·08	681·90	678·74	678·51	680·90	681·30	.....	678·70	678·85	679·45	.....	680·45
30	.....	681·74	678·72	.....	680·85	681·31	678·45	678·73	678·80	679·52	.....	680·48
31	.....	681·03	.....	678·49	678·50	.....	678·38	.....	.....	679·55	.....	680·51

Elevations above M.S.L. of Kai-bus-kong River at Menard's Bridge, for 1906.

TABLE No. 70.

1	.....	678·72	679·20	.....	678·55	678·45	678·30	678·30	678·52	.....	.....	.....
2	680·52	678·76	678·90	678·85	678·53	.....	678·32	678·30	.....	.....	.....	.....
3	680·55	678·80	.....	678·83	678·53	678·35	678·32	678·28	678·55	.....	.....	.....
4	680·58	678·71	678·80	678·85	678·51	678·35	678·34	.....	678·58	.....	.....	.....
5	680·64	678·70	678·80	682·00	.....	678·37	678·35	678·25	678·65	.....	.....	.....
6	679·70	.....	678·75	681·90	678·50	678·35	678·35	678·23	678·70	.....	.....	.....
7	679·12	678·70	678·80	681·90	678·50	678·35	.....	678·23	678·75	.....	.....	.....
8	.....	678·28	678·95	.....	678·50	678·35	679·80	678·25	678·80	.....	.....	.....
9	678·80	678·69	679·00	681·85	678·48	.....	679·60	678·25	.....	.....	.....	.....
10	678·72	678·70	.....	679·30	678·45	678·30	678·50	678·25	678·85	.....	.....	.....
11	678·78	678·70	678·80	679·10	678·45	678·30	678·40	.....	678·90	.....	.....	.....
12	678·86	678·70	678·83	682·05	.....	678·30	679·40	678·25	678·91	.....	.....	.....
13	678·89	.....	678·80	681·90	678·42	678·30	679·42	678·25	678·93	.....	.....	.....
14	678·92	678·91	678·80	680·65	678·42	678·30	.....	678·24	678·95	.....	.....	.....
15	.....	681·52	678·83	.....	678·44	678·30	679·50	678·23	678·95	.....	.....	.....
16	678·95	679·50	678·85	680·58	678·45	.....	679·55	678·25	.....	.....	.....	.....
17	678·96	679·65	.....	680·55	678·45	678·30	678·80	678·20	678·97	.....	.....	.....
18	678·97	679·80	678·95	678·50	678·45	678·30	678·45	.....	678·98	.....	.....	.....
19	678·98	679·75	678·92	680·50	.....	678·30	678·42	678·22	678·98	.....	.....	.....
20	678·80	.....	678·90	680·51	678·42	678·33	678·40	678·22	678·99	.....	.....	.....
21	678·78	679·60	678·88	680·48	678·40	678·33	.....	678·24	678·99	.....	.....	.....
22	.....	679·65	678·85	.....	678·35	678·33	678·40	678·25	679·00	.....	.....	.....
23	678·73	678·80	678·88	678·55	678·30	.....	678·40	678·28	.....	.....	.....	.....
24	678·75	678·77	.....	678·52	678·25	678·32	678·38	678·30	679·01	.....	.....	.....
25	678·70	678·80	678·80	678·52	678·22	678·30	678·35	.....	679·01	.....	.....	.....
26	678·65	678·92	678·80	678·53	.....	678·30	678·35	678·40	679·02	.....	.....	.....
27	678·68	.....	678·82	678·55	678·68	678·30	678·35	678·42	679·04	.....	.....	.....
28	678·68	678·85	678·85	678·55	680·90	678·30	.....	678·45	679·04	.....	.....	.....
29	.....	678·82	678·87	.....	680·70	678·30	678·36	678·48	679·05	.....	.....	.....
30	678·70	679·05	678·87	678·55	680·55	.....	678·32	678·50	.....	.....	.....	.....
31	.....	679·08	.....	678·55	680·30	.....	678·30	.....	.....	.....	.....	.....

Elevations above M.S.L. of Mattawa River below Pimisi Bay, for 1905.

TABLE No. 71.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												
2												583·87
3												
4												
5												
6												
7												
8												
9												
10												584·10
11												
12												
13												584·09
14												584·08
15												
16												
17												
18												
19												
20												584·04
21												584·41
22												584·46
23												584·42
24												
25											583·97	
26												
27												584·46
28												584·49
29												584·53
30												584·59
31												584·91

Elevations above M.S.L. of Mattawa River below Pimisi Bay, for 1905–06.

TABLE No. 72.

1	585·16	584·72	585·39	584·21	585·21	583·91		584·61	584·69	584·19	583·81	583·79
2		584·81	585·45		585·19	583·91	583·36	584·50	584·61	584·19	583·80	583·79
3	585·29	584·94	585·43	584·01	585·16		583·41	584·46		584·19	583·79	583·79
4	585·40	585·17		584·02	585·11	583·96	583·51	584·45	584·61	584·19		
5	585·50	585·15	584·85	584·02	585·06	583·96	583·91		584·56	584·19	583·79	583·79
6	585·63	585·23	586·12	584·06		583·96	583·96	584·51	584·51	584·17	583·79	583·79
7	585·76		585·25	583·88	584·96	583·98	583·96	584·56	584·46		583·79	583·79
8		585·41	584·83	583·65	584·91	583·98		584·61	584·41	584·17	583·79	583·81
9		585·54	586·23		584·51	584·01	583·96	584·63	584·39	584·17	583·79	583·86
10	585·66	585·55	585·59	584·09	584·46		583·91	584·69		584·15	583·79	583·89
11	585·69	585·53		584·10	584·41	584·46	583·91	584·71	584·36	584·15		
12	585·72	585·44	585·68		584·36	584·51	583·96		584·34	584·13	583·77	583·93
13	585·73	585·41	586·23	583·41		584·51	584·01	584·76	584·31	584·11	583·77	583·94
14	585·77		586·31		585·36	583·71	584·06	584·79	584·29		583·77	583·94
15	585·88	585·34	586·30	583·41	584·81	583·71		584·80	584·26	584·11	583·77	583·96
16		585·43	586·23		584·71	583·69	584·26	584·81	584·23	584·11	583·77	583·96
17	585·76	585·69	586·22	583·50	584·61		584·21	584·81		584·11	583·77	583·99
18	585·73	585·91		585·79	584·61	583·51	584·16	584·82	584·21	584·09		
19	585·70	585·98	586·23	586·03	584·61	583·46	584·11		584·19	584·07	583·77	584·11
20	584·30	585·99	586·52	585·98		583·86	584·11	584·81	584·15	584·07	583·77	584·19
21	584·17		586·26	584·21	584·61	583·98	584·16	584·79	584·11		583·81	584·21
22	584·19	585·81	586·21	583·96	584·61	583·76		584·76	584·09	584·11	583·81	584·20
23		585·80	586·10		584·61	584·01	584·21	584·71	584·06	584·16	583·81	584·20
24	584·20	585·59	586·01	586·03	584·61		584·21	584·72		584·21	583·79	584·20
25	584·20	585·51		586·11	584·29	583·61	581·36	584·66	584·06	584·19		
26	584·22	585·49	585·86	585·81	583·30	583·66	584·33		584·11	584·11	583·79	584·20
27	584·23	585·46	585·78	585·72		583·76	584·31	584·73	584·16	584·01	583·79	584·36
28	584·32		585·68	585·51	584·59	583·16	584·31	584·71	584·21		583·79	584·22
29	584·53	585·37	585·57	585·46	584·49	583·31		584·66	584·19	584·06		584·21
30		585·43	585·86		583·96	583·21	584·56	584·71	584·17	583·91		584·21
31		585·37		585·31	583·91		584·58			583·86		584·20

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Elevations above M.S.L. of Mattawa River below Pimisi Bay, for 1906.

TABLE 73. No.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	585·99	585·91	.....	584·66	583·37	583·96	584·07	584·46	.....	.....	.....
2	584·26	585·97	585·86	585·01	584·81	.....	583·91	584·05	.....	.....	.....	.....
3	584·31	585·81	.....	584·96	584·97	583·39	583·85	584·02	584·49	.....	.....	.....
4	584·29	585·71	586·01	584·92	585·06	583·41	583·76	.....	584·51	.....	.....	.....
5	584·26	585·66	586·73	584·87	.....	583·41	583·69	584·03	584·54	.....	.....	.....
6	584·26	.....	585·52	584·70	585·21	583·41	583·66	584·05	584·56	.....	.....	.....
7	584·21	585·61	585·26	584·63	585·38	583·41	.....	584·04	584·59	.....	.....	.....
8	.....	585·51	585·91	.....	585·51	583·41	583·72	584·01	584·61	.....	.....	.....
9	584·21	585·47	586·41	584·51	585·59	.....	583·77	584·03	.....	.....	.....	.....
10	584·21	585·43	.....	584·43	585·63	583·71	583·81	584·05	584·53	.....	.....	.....
11	584·20	585·40	586·56	584·35	585·69	583·96	583·83	.....	584·52	.....	.....	.....
12	584·20	585·45	586·71	584·28	.....	584·81	583·85	584·06	584·50	.....	.....	.....
13	584·19	.....	596·86	584·16	585·53	583·99	583·86	584·07	584·47	.....	.....	.....
14	584·19	585·66	586·61	584·03	585·46	583·71	.....	584·08	584·45	.....	.....	.....
15	.....	585·68	586·31	.....	585·36	583·49	583·90	584·09	584·43	.....	.....	.....
16	584·71	585·70	586·21	584·18	585·21	.....	583·92	584·10	.....	.....	.....	.....
17	584·91	585·71	.....	584·21	584·91	583·41	583·93	584·11	584·41	.....	.....	.....
18	585·21	585·73	586·03	584·21	584·71	583·39	583·94	.....	584·40	.....	.....	.....
19	585·66	585·81	585·93	584·21	.....	583·36	583·96	584·13	584·38	.....	.....	.....
20	585·71	.....	585·77	584·21	584·51	583·34	583·98	584·15	584·36	.....	.....	.....
21	585·76	585·56	585·77	584·21	584·31	583·31	.....	584·18	584·33	.....	.....	.....
22	.....	585·46	585·52	.....	584·01	583·36	583·99	584·20	584·31	.....	.....	.....
23	585·91	585·41	585·45	584·31	583·86	.....	583·98	584·23	.....	.....	.....	.....
24	586·11	584·21	.....	584·33	583·79	583·31	583·97	584·25	584·27	.....	.....	.....
25	586·39	584·61	585·39	584·27	583·70	583·25	583·96	.....	584·25	.....	.....	.....
26	586·21	584·41	585·31	584·21	.....	583·46	584·06	584·29	584·25	.....	.....	.....
27	586·19	.....	585·25	584·20	583·61	583·73	584·15	584·31	584·23	.....	.....	.....
28	585·97	584·61	585·21	584·26	583·55	583·99	.....	584·35	584·21	.....	.....	.....
29	.....	584·96	585·13	.....	583·51	584·05	584·12	584·39	584·21	.....	.....	.....
30	585·97	585·46	585·11	584·41	583·44	.....	584·11	584·43	.....	.....	.....	.....
31	.....	585·66	.....	584·51	583·41	.....	584·09	.....	584·18	.....	.....	.....

Elevations above M.S.L. of Amable du Fond River at Booth's Farm, for 1905–06.

TABLE No. 74.

1	.....	.....	.....	.....	753·22	.....	751·62	751·62	752·02	752·02	752·42	752·32
2	.....	.....	.....	.....	753·52	751·22	751·67	751·62	752·12	752·02	752·42	752·32
3	.....	.....	.....	.....	752·52	752·02	751·62	751·62	752·22	752·02	752·47	752·27
4	.....	.....	.....	.....	752·22	752·22	751·52	751·57	752·22	752·02	752·42	752·32
5	.....	.....	.....	.....	752·52	752·22	751·47	751·57	752·22	752·02	752·34	752·42
6	.....	.....	.....	.....	752·02	752·02	751·42	751·52	752·12	752·02	752·32	752·42
7	.....	.....	.....	.....	752·12	751·92	751·42	751·62	752·02	752·07	752·32	752·42
8	.....	.....	.....	753·90	752·22	751·72	751·32	751·62	751·82	752·07	752·32	752·42
9	.....	.....	.....	.....	752·12	751·52	751·32	751·62	751·72	752·07	752·32	752·37
10	.....	.....	.....	.....	752·22	752·12	751·32	751·62	751·72	752·07	752·32	752·34
11	.....	.....	.....	.....	752·42	752·22	751·37	751·62	751·62	752·07	752·32	752·37
12	.....	.....	.....	.....	752·52	752·17	751·47	751·62	751·72	752·10	752·32	752·37
13	.....	.....	.....	.....	752·52	752·12	751·42	751·52	751·62	752·10	752·32	752·37
14	.....	.....	.....	753·92	752·42	752·04	751·42	751·52	751·62	752·02	752·37	752·40
15	.....	.....	.....	753·72	752·47	752·04	751·32	751·57	751·62	752·02	752·42	752·42
16	.....	.....	.....	753·22	752·32	751·52	751·32	751·62	751·62	752·12	752·37	752·44
17	.....	.....	.....	753·12	752·22	751·42	751·42	751·62	751·72	751·92	752·34	752·44
18	.....	.....	.....	753·22	752·37	751·72	751·52	751·62	751·82	751·92	752·34	752·42
19	.....	.....	.....	753·32	752·37	752·02	751·77	751·62	751·82	751·92	752·37	752·40
20	.....	.....	.....	753·12	752·42	752·02	751·82	751·62	751·82	752·22	752·42	752·37
21	.....	.....	.....	753·02	752·37	751·72	751·82	751·57	751·92	752·22	752·47	752·40
22	.....	.....	.....	753·02	752·42	751·72	751·72	751·57	751·92	752·32	752·34	752·42
23	.....	.....	.....	753·22	752·47	751·82	751·82	751·57	751·92	752·62	752·32	752·42
24	.....	.....	.....	753·22	752·47	751·72	751·82	751·62	751·92	752·42	752·34	752·52
25	.....	.....	.....	753·02	752·02	751·62	751·82	751·82	752·02	752·52	752·34	752·62
26	.....	.....	.....	752·92	752·02	751·97	751·77	751·82	752·02	752·42	752·34	752·72
27	.....	.....	.....	752·72	752·02	751·82	751·72	751·82	752·02	752·52	752·34	752·92
28	.....	.....	.....	752·67	751·82	751·82	751·62	751·82	752·02	752·52	752·37	752·87
29	.....	.....	.....	752·52	752·02	751·62	751·62	751·82	752·02	752·52	.....	752·82
30	.....	.....	.....	752·42	751·92	751·62	751·72	751·92	752·02	752·52	.....	752·72
31	.....	.....	.....	752·32	751·32	.....	751·72	.....	752·02	752·52	.....	752·57

Elevations above M.S.L. of Amable du Fond River at Booth's Farm, for 1906.

TABLE No. 75.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	752·42	754·24	754·99	754·18	752·72	750·32	750·57	750·50	750·62	.....	.....	.....
2	752·32	754·72	754·82	753·92	752·47	750·27	750·51	750·50	751·22	.....	.....	.....
3	752·32	756·56	754·72	751·72	752·32	750·22	750·51	750·47	751·17	.....	.....	.....
4	752·12	756·40	755·23	753·72	752·12	750·12	750·51	750·50	751·12	.....	.....	.....
5	752·02	756·24	755·22	753·62	752·02	750·12	750·52	750·47	751·07	.....	.....	.....
6	751·72	756·27	755·19	753·32	751·92	750·12	750·52	750·47	751·02	.....	.....	.....
7	751·52	756·32	754·93	750·87	751·77	750·02	750·62	750·47	750·97	.....	.....	.....
8	751·22	755·09	755·24	750·87	751·62	750·82	750·72	750·47	750·92	.....	.....	.....
9	751·22	754·68	755·01	750·82	751·60	750·72	750·92	750·50	750·97	.....	.....	.....
10	751·22	754·71	754·27	750·77	751·72	750·62	750·77	750·47	751·02	.....	.....	.....
11	751·25	754·72	754·87	750·77	751·72	750·62	750·62	750·50	751·02	.....	.....	.....
12	751·32	754·72	754·77	750·87	751·72	750·60	750·57	750·47	751·02	.....	.....	.....
13	751·37	755·02	752·02	750·83	751·57	750·62	750·52	750·50	751·02	.....	.....	.....
14	751·52	754·92	751·37	750·84	751·57	750·57	750·47	750·52	751·07	.....	.....	.....
15	751·72	754·82	751·32	751·12	751·22	750·52	750·47	750·52	751·07	.....	.....	.....
16	751·92	754·72	751·52	751·32	750·22	750·52	750·47	750·52	751·12	.....	.....	.....
17	752·12	754·72	751·82	752·97	750·17	750·52	750·45	750·52	751·07	.....	.....	.....
18	752·32	754·79	751·72	752·82	750·12	750·52	750·42	750·52	751·02	.....	.....	.....
19	752·42	754·77	755·37	752·82	750·12	750·54	750·62	750·57	751·07	.....	.....	.....
20	752·47	753·12	755·37	752·77	750·22	750·57	750·57	750·52	751·10	.....	.....	.....
21	752·52	754·84	755·09	752·72	750·22	750·57	750·52	750·52	751·12	.....	.....	.....
22	752·62	754·89	754·77	752·72	750·27	750·65	750·47	750·57	751·12	.....	.....	.....
23	753·42	755·18	754·57	752·67	750·42	750·67	750·42	750·62	751·12	.....	.....	.....
24	753·52	755·43	751·92	752·22	750·32	750·67	750·47	750·57	751·17	.....	.....	.....
25	754·12	754·81	751·82	751·62	750·22	750·65	750·62	750·52	751·22	.....	.....	.....
26	754·52	755·42	751·82	751·52	750·32	750·62	750·72	750·52	751·22	.....	.....	.....
27	753·02	753·32	754·20	751·52	751·22	750·67	750·62	750·57	751·22	.....	.....	.....
28	752·62	755·12	754·14	751·47	750·92	750·72	750·64	750·57	751·17	.....	.....	.....
29	751·92	755·26	754·02	751·52	750·72	750·72	750·54	750·62	751·17	.....	.....	.....
30	753·30	755·20	754·12	753·07	750·52	750·67	750·52	750·62	751·27	.....	.....	.....
31	.....	755·14	.....	752·92	750·42	.....	750·50	.....	751·32	.....	.....	.....

Elevations above M.S.L. of Manitou Lake, for 1905–06.

TABLE No. 76.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1123·34	.....	.....
2	.....	.....	.....	.....	.....	.....	1123·14	1123·34	.....	.....	.....	1123·04
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1124·04	.....
4	.....	.....	.....	.....	.....	.....	1123·14	1123·34	1123·44	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1123·34	.....	.....
6	.....	.....	.....	.....	.....	.....	1123·14	.....	.....	.....	1124·04	1124·04
7	.....	.....	.....	.....	.....	.....	1123·04	1123·34	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	1123·44	1123·34	.....	1124·04
9	.....	.....	.....	.....	.....	.....	.....	1123·44	.....	.....	1123·54	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	1123·04	1123·44	1123·44	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	1123·34	1123·14	.....
13	.....	.....	.....	.....	.....	1123·14	1123·04	1123·34	.....	.....	.....	1123·44
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	1123·14	.....	1123·34	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	1123·04	.....	.....	1123·34	.....	1123·44
17	.....	.....	.....	.....	.....	.....	.....	1123·34	.....	.....	1123·54	.....
18	.....	.....	.....	.....	.....	1123·24	1123·04	.....	1123·44	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	1123·24	1123·24	.....	.....	1123·34	1123·54	1123·44
21	.....	.....	.....	.....	.....	.....	.....	1123·34	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	1123·24	.....	.....	1123·44	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	1123·34	1123·34	.....	.....	1123·54	1123·44
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	1123·34	.....	1124·34
25	.....	.....	.....	.....	.....	1123·24	1123·34	1123·34	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	1123·44	.....	.....	.....
27	.....	.....	.....	.....	.....	1123·24	1123·34	1123·44	.....	1123·44	1123·54	1124·34
28	.....	.....	.....	.....	.....	1123·14	1123·34	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	1123·44	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	1123·44	1123·54	.....	1124·34
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Manitou Lake, for 1906.

TABLE No. 77.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	1126·84	1126·14	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	1121·94	1122·24	.....	.....	.....	.....
3	1124·44	.....	.....	1124·94	1123·34	.....	.....	.....	.....	.....	.....	.....
4	.....	1127·04	.....	.....	.....	1122·24	.....	.....	1123·04	.....	.....	.....
5	.....	.....	1125·84	.....	.....	.....	1121·94	.....	.....	.....	.....	.....
6	1124·64	.....	.....	1124·74	.....	.....	.....	1122·34	.....	.....	.....	.....
7	.....	.....	.....	.....	1123·24	1122·14	.....	.....	1123·04	.....	.....	.....
8	.....	1127·04	1126·04	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	1121·94	1122·44	.....	.....	.....	.....
10	1125·04	.....	.....	1124·44	1122·84	.....	.....	.....	.....	.....	.....	.....
11	.....	1126·84	.....	.....	.....	1122·04	.....	.....	1123·14	.....	.....	.....
12	.....	.....	1125·84	1124·34	.....	.....	1122·04	.....	.....	.....	.....	.....
13	1125·14	.....	.....	.....	.....	.....	.....	1122·44	.....	.....	.....	.....
14	.....	.....	.....	.....	1122·74	1122·04	.....	.....	1123·24	.....	.....	.....
15	.....	1126·84	1125·74	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	1122·04	1122·44	.....	.....	.....	.....
17	1125·64	.....	.....	1124·14	1122·64	.....	.....	.....	.....	.....	.....	.....
18	.....	1126·84	.....	.....	.....	1121·94	.....	.....	1123·24	.....	.....	.....
19	.....	.....	1125·54	.....	.....	.....	1122·04	.....	.....	.....	.....	.....
20	1125·84	.....	.....	1124·04	.....	.....	.....	1122·44	.....	.....	.....	.....
21	.....	.....	.....	.....	1122·44	1121·94	.....	.....	1123·34	.....	.....	.....
22	.....	1126·54	1125·44	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	1122·04	1122·54	.....	.....	.....	.....
24	1126·34	.....	.....	1123·84	1122·34	.....	.....	.....	.....	.....	.....	.....
25	.....	1126·44	.....	.....	.....	1121·94	.....	.....	.....	.....	.....	.....
26	.....	.....	1125·24	.....	.....	.....	1122·14	.....	1123·44	.....	.....	.....
27	1126·44	.....	.....	1123·54	.....	.....	.....	1122·84	.....	.....	.....	.....
28	.....	.....	.....	.....	1122·24	1121·94	.....	.....	.....	.....	.....	.....
29	.....	1126·24	1125·14	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	1126·74	.....	.....	.....	.....	.....	1122·24	1122·84	1123·54	.....	.....	.....
31	.....	.....	.....	1123·44	1122·24	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Three-Mile Lake, for 1905–06.

TABLE No. 78.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1219·87	.....	.....
2	.....	.....	.....	.....	.....	.....	1220·57	1220·57	.....	.....	.....	1220·47
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1220·07	.....
4	.....	.....	.....	.....	.....	.....	1220·57	1220·57	1220·67	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1219·87	.....	.....
6	.....	.....	.....	.....	.....	.....	1220·37	.....	.....	.....	1219·97	1220·47
7	.....	.....	.....	.....	.....	.....	.....	1220·57	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	1220·67	1219·87	.....	1220·47
9	.....	.....	.....	.....	.....	.....	1220·37	1220·57	.....	.....	1219·97	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	1220·37	1220·57	1220·57	.....	.....	.....
12	.....	.....	.....	.....	.....	1220·57	.....	.....	.....	1219·87	1220·47	.....
13	.....	.....	.....	.....	.....	.....	1220·57	1220·57	.....	.....	.....	1220·47
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	1220·57	.....	1220·57	1220·57	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	1220·57	.....	.....	1219·87	.....	1220·47
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1220·47	.....
18	.....	.....	.....	.....	.....	1220·67	1220·57	1220·57	1220·57	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	1220·67	1220·57	.....	.....	1219·87	1220·47	.....
21	.....	.....	.....	.....	.....	.....	.....	1220·57	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	1220·57	.....	.....	1220·47	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	1220·57	1220·57	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	1219·97	.....	.....
25	.....	.....	.....	.....	.....	1220·57	1220·57	1220·57	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	1220·57	.....	.....	1220·37	.....	.....	.....
27	.....	.....	.....	.....	.....	1220·57	1220·57	1220·57	.....	1220·07	1220·47	1220·47
28	.....	.....	.....	.....	.....	.....	1220·57	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	1220·57	.....	1220·67	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	1220·27	1220·07	.....	1220·47
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Three-Mile Lake, for 1906.

TABLE No. 79.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	1220·97	1220·97	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	1220·17	1220·57	.....	.....	.....	.....
3	1220·47	.....	.....	1220·67	1220·07	.....	.....	.....	.....	.....	.....	.....
4	.....	1220·97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	1220·97	.....	.....	1220·27	1220·17	.....	.....	.....	.....	.....
6	1220·57	.....	.....	1220·57	.....	.....	.....	1220·57	.....	.....	.....	.....
7	.....	.....	.....	.....	1219·97	1220·27	.....	.....	.....	.....	.....	.....
8	.....	1221·07	1221·07	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	1220·17	1220·57	.....	.....	.....	.....
10	1220·67	.....	.....	1220·57	1220·27	.....	.....	.....	.....	.....	.....	.....
11	.....	1221·07	.....	.....	.....	1220·17	.....	.....	.....	.....	.....	.....
12	.....	.....	1220·97	1220·47	.....	.....	1220·27	.....	.....	.....	.....	.....
13	1220·67	.....	.....	.....	.....	.....	.....	1220·57	.....	.....	.....	.....
14	.....	.....	.....	.....	1220·27	1220·17	.....	.....	.....	.....	.....	.....
15	.....	1221·07	1220·97	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	1220·37	1220·57	.....	.....	.....	.....
17	1220·67	.....	.....	.....	1220·27	.....	.....	.....	.....	.....	.....	.....
18	.....	1221·07	.....	.....	.....	1220·17	.....	.....	1220·67	.....	.....	.....
19	.....	.....	1220·87	.....	.....	.....	1 220·37	.....	.....	.....	.....	.....
20	1220·77	.....	.....	.....	.....	.....	.....	1220·57	.....	.....	.....	.....
21	.....	.....	.....	.....	1220·17	1220·17	.....	.....	1220·67	.....	.....	.....
22	.....	1221·07	1220·87	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	1220·37	1220·67	.....	.....	.....	.....
24	.....	.....	.....	.....	1220·27	.....	.....	.....	.....	.....	.....	.....
25	.....	1221·07	.....	.....	.....	1220·17	.....	.....	.....	.....	.....	.....
26	.....	.....	1220·77	.....	.....	.....	1220·57	.....	1220·77	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	1220·67	.....	.....	.....	.....
28	.....	.....	.....	.....	1220·27	1220·17	.....	.....	.....	.....	.....	.....
29	.....	1220·97	1220·67	.....	.....	.....	.....	.....	1220·77	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	1220·57	1220·67	.....	.....	.....	.....
31	.....	.....	.....	.....	1220·27	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Tea Lake, for 1905–06.

TABLE No. 80.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1182·01	.....	.....
2	.....	.....	.....	.....	.....	.....	1181·01	1181·11	.....	.....	.....	1183·21
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1182·91	.....
4	.....	.....	.....	.....	.....	.....	1181·01	1181·11	1181·21	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1182·01	.....	.....
6	.....	.....	.....	.....	.....	.....	1180·91	.....	.....	.....	1182·91	1183·61
7	.....	.....	.....	.....	.....	.....	1180·91	1181·11	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	1181·21	1182·01	.....	1183·91
9	.....	.....	.....	.....	.....	.....	.....	1181·21	.....	.....	1182·91	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	1180·91	1181·21	1181·31	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	1182·01	1182·91	.....
13	.....	.....	.....	.....	.....	1181·01	1180·91	1181·21	.....	.....	.....	1184.01
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	1180·91	.....	1181·21	1182·31	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	1180·91	.....	.....	.....	.....	1184·11
17	.....	.....	.....	.....	.....	.....	.....	1181·21	.....	.....	1183·41	.....
18	.....	.....	.....	.....	.....	1181·11	1180·91	.....	1181·31	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	1181·11	1180·91	.....	.....	1182·01	1183·61	1184·11
21	.....	.....	.....	.....	.....	.....	.....	1181·21	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	1181·11	.....	.....	1181·31	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	1181·11	1181·21	.....	.....	1183·61	1184·11
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	1182·21	.....	1184·11
25	.....	.....	.....	.....	.....	1181·11	1181·11	1181·21	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	1181·11	1181·11	1181·31	.....	.....	1183·61	1184·11
28	.....	.....	.....	.....	.....	.....	1181·11	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	1181·11	.....	1181·31	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	1181·31	1182·51	.....	1184·11
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	1182·61	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Tea Lake, for 1906.

TABLE No. 81.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	1184·61	1183·51	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	1180·61	1181·01	.....	.....	.....	.....
3	1184·21	.....	.....	1182·41	1181·21	.....	.....	.....	.....	.....	.....	.....
4	.....	1184·51	.....	.....	.....	1180·91	.....	.....	.....	.....	.....	.....
5	.....	.....	1183·31	.....	.....	.....	1180·61	.....	.....	.....	.....	.....
6	1184·31	.....	.....	1182·21	.....	.....	.....	1181·01	.....	.....	.....	.....
7	.....	.....	.....	.....	1181·11	1180·91	.....	.....	.....	.....	.....	.....
8	.....	1184·31	1183·41	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	1180·61	1180·91	.....	.....	.....	.....
10	1184·21	.....	.....	1182·01	1181·11	.....	.....	.....	.....	.....	.....	.....
11	.....	1184·31	.....	.....	.....	1180·81	.....	.....	.....	.....	.....	.....
12	.....	.....	1183·21	1181·96	.....	.....	1180·71	.....	.....	.....	.....	.....
13	1184·11	.....	.....	.....	.....	.....	.....	1180·91	.....	.....	.....	.....
14	.....	.....	.....	.....	1181·11	1180·81	.....	.....	.....	.....	.....	.....
15	.....	1184·21	1183·01	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	1180·81	1180·91	.....	.....	.....	.....
17	1184·11	.....	.....	1181·81	1181·11	.....	.....	.....	.....	.....	.....	.....
18	.....	1184·11	.....	.....	.....	1180·71	.....	.....	1180·91	.....	.....	.....
19	.....	.....	1182·81	.....	.....	.....	1180·81	.....	.....	.....	.....	.....
20	1184·81	.....	.....	1181·61	.....	.....	.....	1180·91	.....	.....	.....	.....
21	.....	.....	.....	.....	1181·01	1180·71	.....	.....	1180·91	.....	.....	.....
22	.....	1183·91	1182·81	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	1180·81	1181·01	.....	.....	.....	.....
24	.....	.....	.....	1181·41	1181·01	.....	.....	.....	.....	.....	.....	.....
25	.....	1183·81	.....	.....	.....	1180·71	.....	.....	.....	.....	.....	.....
26	.....	.....	1182·81	.....	.....	.....	1180·91	.....	1180·91	.....	.....	.....
27	.....	.....	.....	1181·31	.....	.....	.....	1181·01	.....	.....	.....	.....
28	.....	.....	.....	.....	1181·11	1180·61	.....	.....	.....	.....	.....	.....
29	.....	1183·61	1182·61	.....	.....	.....	.....	.....	1181·31	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	1181·01	1181·01	.....	.....	.....	.....
31	.....	.....	.....	1181·21	1181·01	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Koskoqui Lake, for 1905–06.

TABLE No. 82.

1	.....	.....	.....	.....	.....	.....	.....	.....	988·72	988·91	989·13	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	988·81	.....	.....	.....	989·06	989·11
3	.....	.....	.....	.....	.....	.....	990·01	.....	988·71	.....	989·11	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	988·92	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	989·12	989·11	989·61
6	.....	.....	.....	.....	.....	.....	.....	988·66	988·72	988·93	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	989·11	989·13
8	.....	.....	.....	.....	.....	.....	.....	.....	988·78	989·01	989·11	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	988·56	.....	.....	.....	989·11	989·13
10	.....	.....	.....	.....	.....	.....	988·61	.....	988·78	.....	989·10	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	988·56	.....	989·03	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	989·11	989·11	989·11
13	.....	.....	.....	.....	.....	.....	.....	988·56	988·79	989·03	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	988·81	.....	.....	.....	.....	989·61	989·11
15	.....	.....	.....	.....	.....	.....	.....	.....	988·81	989·02	989·11	.....	.....
16	.....	.....	.....	.....	.....	.....	989·01	988·56	.....	.....	.....	989·61	989·09
17	.....	.....	.....	.....	.....	.....	.....	.....	988·82	.....	989·21	.....	.....
18	.....	.....	.....	.....	.....	.....	988·21	988·58	.....	989·03	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	989·31	989·41	989·06
20	.....	.....	.....	.....	.....	.....	988·31	988·58	988·81	989·11	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	989·91	989·01
22	.....	.....	.....	.....	.....	.....	.....	.....	988·79	989·21	989·11	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	988·60	.....	.....	.....	989·91	989·03
24	.....	.....	.....	.....	.....	.....	.....	.....	988·81	.....	989·01	.....	.....
25	.....	.....	.....	.....	.....	.....	988·31	988·72	.....	989·21	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	989·06	989·19	989·03
27	.....	.....	.....	.....	.....	.....	988·21	988·74	988·86	989·18	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	989·16	989·16
29	.....	.....	.....	.....	.....	.....	988·91	988·74	988·91	989·13	989·11	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	989·11
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	989·11	.....	.....

Elevations above M.S.L. of Koskoqui Lake, for 1906.

TABLE No. 83

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			991·61		988·43		987·39					
2	989·11	991·56		989·46				987·14				
3					988·16	987·83	987·36		987·30			
4	989·16	991·30	990·48	989·19								
5						987·84	987·31	987·13	987·32			
6	988·91		990·16	988·76	987·77							
7		991·05				987·86		987·11	987·46			
8			990·06		987·65		987·29					
9	989·01	991·11		988·91				987·29				
10					987·54	987·86	987·29		987·50			
11	989·13	991·04	989·91	988·98								
12						987·83	987·23	987·11	987·51			
13	989·41		990·26	989·31	987·42							
14		991·06				987·81		987·11	987·56			
15					987·47		987·11					
16	990·01	991·03	991·01	989·49				987·11				
17					987·49	987·76	987·11		987·61			
18	990·41	991·11	991·91	989·41								
19						987·71	987·13	987·11	987·63			
20	990·81		991·01	989·23	987·59							
21		991·41				987·63		987·09	987·66			
22					987·62		987·13					
23	990·97	991·21	990·21	989·11				987·13				
24					987·66	987·63	987·09		987·66			
25	990·86	991·16	990·56	989·01								
26						987·51	987·11	987·18	987·67			
27	990·97		990·41	988·87	987·74							
28		991·39				987·43		987·30	987·66			
29			990·01		987·81		987·15					
30	991·40	991·01		988·91				987·32				
31					987·81		987·16		987·71			

Elevations above M.S.L. of Mattawa River above power-house at Plain Chant Chute, for 1906.

TABLE No. 84.

1				519·13	519·66	516·96	517·26	517·96	518·16			
2				518·83	519·58	517·06	517·16	517·96	518·26			
3			520·13	519·08	519·58	516·96	517·06	517·86				
4			519·83	519·08	519·49	517·06	517·06	517·86				
5			520·73	518·83	519·75	517·06	517·06	517·76				
6			519·93	518·83	519·66	517·06	516·96	517·66				
7			520·43	518·83	519·66	517·06	516·96	517·56				
8			520·43	518·73	519·83	517·06	516·76	517·56				
9			520·73	518·43	519·83	517·06	516·96	517·56				
10			520·43	518·13	519·66	517·06	517·16	517·46				
11			520·13	517·43	519·83	517·06	517·46	517·46				
12			520·43	517·73	519·83	517·06	517·46	517·56				
13			520·43	517·73	519·83	517·06	517·46	517·56				
14			519·83	517·83	518·43	517·26	517·46	517·46				
15			519·83	517·83	517·83	517·36	517·36	517·46				
16			519·73	517·83	517·13	517·26	517·26	517·36				
17			519·43	518·13		517·16	517·26	517·36				
18			520·73	518·73		517·06	517·26	517·26				
19			520·43	519·13	514·17	516·96	517·26	517·36				
20			520·73	519·13	514·50	516·66	517·26	517·26				
21			520·43	518·93	514·83	516·46	517·36	517·26				
22			519·83	518·93	515·17	516·36	517·36	517·46				
23			519·73	518·93	515·33	516·36	517·46	517·66				
24			519·58	519·43	515·83	516·36	517·46	517·66				
25			519·38	519·73	516·00	516·36	517·56	517·96				
26			519·38	519·43	516·17	516·36	517·56	517·96				
27			519·58	519·13	516·33	516·76	517·76	518·16				
28			519·58	518·13	516·58	517·16	517·86	518·26				
29			519·58	518·83	516·83	517·16	517·96	518·26				
30			519·33	519·33	516·96	517·26	518·06	518·26				
31				519·08	516·96		518·06					

Elevations above M.S.L of Mattawa River above power-house at Plain Chant Chute, for 1908.

TABLE No. 85.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			520·46	517·96								
2			520·46	517·96								
3			520·46									
4			520·26									
5			520·26									
6			520·26									
7			519·66									
8			519·46									
9		520·81	519·46									
10			519·66									
11		520·82	519·26									
12			519·16									
13		520·82	518·76									
14			519·76									
15		520·83	519·76									
16		520·81	519·76									
17			519·76									
18		520·96	519·76									
19		520·86	519·46									
20		520·76	519·36									
21		520·46	519·46									
22		520·36	519·36									
23		520·26	519·26									
24		520·06	519·06									
25		519·96	518·86									
26		519·86	518·36									
27		519·86	517·06									
28		519·96	516·46									
29		519·96	517·06									
30		520·06	517·46									
31		520·36										

Elevations above M.S.L. of Mattawa River above power-house at Plain Chant Chute, 1914–15.

TABLE No. 86.

1							518·22	517·84	518·55	518·13	518·38	518·51
2							518·22	517·92	518·59	518·13	518·38	518·51
3							518·22	517·92	518·80	518·17	518·38	518·51
4							518·13	518·01	518·92	518·17	518·38	518·51
5							518·13	518·04	518·97	518·17	518·38	518·51
6							518·09	518·17	518·92	518·17	518·38	518·51
7							518·09	518·17	518·84	518·17	518·38	518·51
8							518·09	518·26	518·76	518·17	518·38	518·51
9							518·22	518·26	518·67	518·26	518·38	518·51
10							518·30	518·22	518·59	518·26	518·38	518·51
11							518·59	518·22	518·55	518·30	518·38	518·51
12							518·72	518·17	518·51	518·26	518·38	518·51
13							518·72	518·17	518·47	518·26	518·38	518·47
14							518·72	518·17	518·47	518·26	518·42	518·47
15							518·72	518·13	518·42	518·26	518·42	518·47
16							518·67	518·34	518·38	518·26	518·47	518·47
17							518·63	518·55	518·30	518·30	518·47	518·47
18							518·59	518·59	518·26	518·34	518·47	518·42
19							518·59	518·63	518·22	518·38	518·47	518·42
20						518·38	518·51	518·63	518·13	518·42	518·47	518·42
21						518·38	518·42	518·63	518·26	518·42	518·47	518·38
22						518·42	518·30	518·59	518·26	518·42	518·47	518·38
23						518·34	518·22	518·59	518·26	518·42	518·47	518·42
24						518·34	518·34	518·55	518·26	518·42	518·47	518·47
25						518·34	518·26	518·51	518·17	518·42	518·47	518·55
26						518·34	518·22	518·47	518·13	518·42	518·47	518·63
27						518·26	518·17	518·47	518·09	518·42	518·47	518·63
28						518·26	518·05	518·51	518·09	518·42	518·47	518·63
29						518·22	517·97	518·59	518·09	518·42	.....	518·59
30						518·26	517·92	518·55	518·09	518·42	.....	518·59
31						.....	517·88	.....	518·09	518·38	.....	518·51

Elevations above M.S.L. of Mattawa River below power-house at Plain Chant Chute, for 1906.

TABLE No. 87

Day.	April.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1				499·46	497·56	496·86	496·86	497·06	497·06			
2				499·46	497·56	496·96	496·96	497·06	497·16			
3			500·06	498·86	497·56	496·96	496·96	497·06				
4			499·76	498·56	497·56	496·86	496·86	497·06				
5			500·46	498·56	498·16	496·86	496·86	496·96				
6			500·46	498·56	497·98	496·86	496·86	496·96				
7			501·16	498·56	497·98	496·96	496·96	496·96				
8			501·16	498·46	498·14	496·96	496·96	496·96				
9			501·46	498·36	498·06	496·86	496·96	496·96				
10			501·56	498·16	498·06	496·86	496·96	496·96				
11			501·46	497·56	497·98	496·86	496·96	496·96				
12			501·56	497·39	498·26	496·86	496·96	496·96				
13			501·56	497·31	498·16	496·86	496·96	496·96				
14			501·46	497·31	499·16	496·96	496·96	496·96				
15			501·56	497·31	498·96	496·96	496·96	496·96				
16			501·56	497·06	498·16	496·96	496·86	496·96				
17			501·56	497·06	497·56	496·86	496·86	496·96				
18			501·16	497·31	497·16	496·86	496·86	496·96				
19			501·56	497·31	497·16	496·86	496·96	496·96				
20			501·46	497·31	496·56	496·86	486·96	496·96				
21			501·16	497·39	496·81	496·86	496·96	496·96				
22			501·16	497·56	496·96	496·86	486·96	496·96				
23			501·16	497·56	497·06	496·86	495·96	496·96				
24			501·16	497·56	496·89	496·86	496·96	496·96				
25			501·16	498·16	496·96	496·86	496·96	497·06				
26			500·86	497·86	496·98	496·86	496·96	497·06				
27			499·56	497·98	496·98	496·86	497·06	497·16				
28			499·56	498·56	496·98	496·86	497·06	497·16				
29			499·46	497·48	496·98	496·86	497·06	497·16				
30			499·46	497·56	496·96	496·86	497·06	497·16				
31				497·56	496·96		497·06					

Elevations above M.S.L. of Mattawa River below power-house at Plain Chant Chute, for 1908.

TABLE No. 88.

1			504·14	498·96								
2			504·23	498·67								
3			504·31									
4			504·39									
5			504·31									
6			504·23									
7			504·06									
8			504·14									
9		501·16	503·98									
10			503·89									
11		501·36	503·64									
12			503·23									
13		501·36	503·23									
14			502·89									
15		501·46	503·06									
16		501·46	502·98									
17			502·56									
18		503·06	502·56									
19		503·14	502·31									
20		503·31	502·06									
21		503·31	501·98									
22		503·23	501·73									
23		503·23	501·31									
24		503·48	501·14									
25		503·39	501·06									
26		503·31	501·22									
27		503·31	500·64									
28		503·39	500·56									
29		503·48	499·96									
30		503·64	499·66									
31		504·06										

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Elevations above M.S L. of Mattawa River below power-house at Plain Chant Chute, for 1914-15.

TABLE No. 89.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	.....	.....	.....	496·25	496·25	496·40	496·25	496·30	496·35
2	.....	.....	.....	.....	.....	.....	496·21	496·25	496·45	496·25	496·30	496·35
3	.....	.....	.....	.....	.....	.....	496·25	496·30	496·55	496·25	496·30	496·35
4	.....	.....	.....	.....	.....	.....	496·25	496·25	496·60	496·25	496·30	496·35
5	.....	.....	.....	.....	.....	.....	496·21	496·30	496·65	496·25	496·30	496·35
6	.....	.....	.....	.....	.....	.....	496·25	496·30	496·55	496·25	496·30	496·35
7	.....	.....	.....	.....	.....	.....	496·25	496·40	496·50	496·25	496·30	496·35
8	.....	.....	.....	.....	.....	.....	496·25	496·30	496·45	496·25	496·30	496·30
9	.....	.....	.....	.....	.....	.....	496·25	496·30	496·45	496·25	496·30	496·30
10	.....	.....	.....	.....	.....	.....	496·38	496·30	496·40	496·25	496·30	496·30
11	.....	.....	.....	.....	.....	.....	496·33	496·30	496·35	496·25	496·30	496·30
12	.....	.....	.....	.....	.....	.....	496·38	496·30	496·35	496·25	496·30	496·30
13	.....	.....	.....	.....	.....	496·42	496·42	496·30	496·35	496·25	496·30	496·30
14	.....	.....	.....	.....	.....	496·42	496·42	496·30	496·25	496·25	496·30	496·30
15	.....	.....	.....	.....	.....	496·40	496·38	496·30	496·25	496·25	496·30	496·30
16	.....	.....	.....	.....	.....	496·33	496·38	496·30	496·30	496·25	496·30	496·30
17	.....	.....	.....	.....	.....	496·33	496·46	496·35	496·30	496·25	496·30	496·30
18	.....	.....	.....	.....	.....	496·33	496·38	496·40	496·30	496·25	496·30	496·25
19	.....	.....	.....	.....	.....	496·31	496·33	496·40	496·30	496·25	496·30	496·25
20	.....	.....	.....	.....	.....	496·31	496·33	496·40	496·25	496·30	496·30	496·25
21	.....	.....	.....	.....	.....	496·31	496·29	496·40	496·25	496·30	496·30	496·25
22	.....	.....	.....	.....	.....	496·29	496·29	496·35	496·25	496·30	496·30	496·25
23	.....	.....	.....	.....	.....	496·29	496·25	496·35	496·25	496·30	496·30	496·30
24	.....	.....	.....	.....	.....	496·33	496·25	496·35	496·25	496·30	496·35	496·30
25	.....	.....	.....	.....	.....	496·33	496·25	496·35	496·25	496·30	496·35	496·30
26	.....	.....	.....	.....	.....	496·33	496·25	496·35	496·25	496·30	496·35	496·35
27	.....	.....	.....	.....	.....	496·25	496·25	496·35	496·20	496·30	496·35	496·35
28	.....	.....	.....	.....	.....	496·25	496·25	496·35	496·20	496·30	496·35	496·35
29	.....	.....	.....	.....	.....	496·25	496·25	496·40	496·20	496·30	.....	496·35
30	.....	.....	.....	.....	.....	496·25	496·21	496·40	496·20	496·30	.....	496·30
31	.....	.....	.....	.....	.....	.....	496·25	.....	496·20	496·30	.....	496·30

Elevations above M.S.L. of Ottawa River at Mattawa, for 1906.

TABLE No. 90.

1	.....	498·90	500·44	498·80	495·56	.....	.....	.....	.....	.....	.....	.....
2	.....	499·30	500·40	498·60	495·50	.....	.....	.....	.....	.....	.....	.....
3	.....	499·63	500·48	498·45	495·43	.....	.....	.....	.....	.....	.....	.....
4	.....	499·90	500·53	498·25	495·35	.....	.....	.....	.....	.....	.....	.....
5	.....	500·27	500·60	498·10	495·30	.....	.....	.....	.....	.....	.....	.....
6	.....	500·60	500·65	498·00	495·25	.....	.....	.....	.....	.....	.....	.....
7	.....	500·97	500·75	497·90	495·18	.....	.....	.....	.....	.....	.....	.....
8	.....	501·25	500·85	497·80	495·00	.....	.....	.....	.....	.....	.....	.....
9	.....	501·43	500·90	497·70	494·97	.....	.....	.....	.....	.....	.....	.....
10	.....	501·50	501·00	497·60	494·95	.....	.....	.....	.....	.....	.....	.....
11	.....	501·47	501·06	497·50	494·92	.....	.....	.....	.....	.....	.....	.....
12	.....	501·50	501·14	497·40	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	501·20	497·25	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	501·28	497·10	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	501·35	496·95	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	501·40	497·00	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	501·47	496·97	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	501·55	496·80	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	501·60	496·70	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	501·44	501·65	496·60	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	501·20	501·60	496·50	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	501·10	501·25	496·40	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	501·06	500·80	496·30	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	501·00	500·45	496·20	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	501·00	499·80	496·10	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	500·90	499·63	496·10	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	500·80	499·44	495·94	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	500·73	499·16	495·85	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	500·65	499·25	495·77	.....	.....	.....	.....	.....	.....	.....	.....
30	498·40	500·65	499·08	495·70	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	500·50	.....	495·65	.....	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L of Ottawa River at Mattawa, for 1908.

TABLE No. 91.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			503·85									
2			504·00									
3			503·95									
4			504·00									
5			503·93									
6												
7												
8												
9		499·20										
10												
11		500·20										
12		501·50										
13		502·00										
14		502·10	502·85									
15		502·30	502·84									
16		502·40	502·73									
17		502·30	502·48									
18		502·50	502·22									
19		502·55	501·93									
20		502·70										
21		502·82										
22		502·80										
23		502·85										
24		502·92	501·05									
25		502·98	500·83									
26		503·02	500·60									
27		503·13										
28		503·13										
29		503·19										
30		503·35										
31		503·75										

Elevations above M.S.L. of Ottawa River at Mattawa, for 1909–10.

No. TBALE 92.

1		497·20	507·00	499·70	496·65	496·00	495·65	496·50	495·80	494·85	492·80	492·55
2		497·30	506·80	499·70	496·65	496·00	495·65	496·55	495·75	494·80	492·80	492·55
3		497·50	506·60	499·50	496·65	496·00	495·65	496·55	495·75	494·75	492·80	492·55
4		497·60	506·20	499·30	496·65	496·00	495·60	496·55	495·75	494·60	492·75	492·55
5		497·70	506·10	499·00	496·65	496·00	495·55	496·60	495·75	494·60	492·75	492·55
6		497·80	505·80	498·90	496·65	496·00	495·55	496·60	495·70	494·60	492·75	492·55
7		497·90	505·40	498·70	496·65	496·00	495·50	496·55	495·65	494·55	492·75	492·55
8		497·90	505·15	498·50	496·65	496·00	495·50	496·50	495·65	494·55	492·75	492·55
9		498·10	504·95	498·30	496·65	496·10	495·45	496·50	495·60	494·40	492·70	492·55
10		499·10	504·50	498·00	496·70	496·10	495·50	496·45	495·60	494·45	492·70	492·55
11	494·00	499·40	504·10	498·10	496·50	496·15	495·50	496·40	495·60	494·35	492·70	492·55
12	494·30	499·80	504·00	498·00	496·40	496·10	495·55	496·40	495·60	494·35	492·70	492·55
13	494·40	500·10	503·70	497·80	496·30	496·10	495·55	496·30	495·50	494·35	492·65	492·55
14	494·60	500·50	503·50	497·60	496·20	496·00	495·60	496·20	495·50	494·30	492·65	492·55
15	494·70	501·00	503·10	497·30	496·25	495·90	495·60	496·10	495·50	494·20	492·65	492·55
16	494·90	501·60	502·90	497·20	496·25	495·80	495·65	495·90	495·50	494·20	492·60	492·55
17	495·00	502·60	502·70	497·05	496·30	495·80	495·70	495·90	495·50	494·15	492·60	492·55
18	495·30	502·80	502·50	497·00	496·30	496·00	495·70	495·80	495·40	494·15	492·60	492·55
19	495·60	504·00	502·30	496·90	496·30	496·00	495·75	495·85	495·45	494·15	492·55	492·60
20	495·70	504·60	502·10	496·80	496·30	496·00	495·75	495·85	495·45	494·10	492·55	492·65
21	495·80	505·30	501·90	496·80	496·30	496·00	495·80	495·80	495·40	494·10	492·55	492·80
22	495·90	505·90	501·60	496·70	496·20	495·90	495·80	495·80	495·40	492·95	492·55	492·90
23	496·00		501·40	496·70	496·20	495·85	495·85	495·85	495·35	492·90	492·55	493·00
24	496·40	506·30	501·20	496·70	496·15	495·80	495·90	495·85	495·30	492·90	492·55	493·10
25	496·70	507·00	500·90	496·60	496·10	495·80	496·00	495·90	495·35	492·85	492·55	493·10
26	496·80	507·15	500·70	496·90	496·00	495·80	496·10	495·90	495·25	492·85	492·55	493·20
27	496·80	507·30	500·30	496·90	496·00	495·75	496·20	495·90	495·20	492·85	492·55	493·30
28	496·90	507·40	500·10	496·85	496·00	495·75	496·30	495·95	495·20	492·80		493·40
29	496·90	507·70	499·90	496·70	496·00	495·70	496·40	495·90	495·20	492·80		493·50
30	497·00	507·30	499·80	496·65	496·00	495·70	496·45	495·85	495·20	492·80		493·60
31		507·50		496·60	495·90		496·45		494·90	492·80		493·70

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Mattawa, for 1910–11.

TABLE No. 93.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	493·80	499·30	499·46	.....	494·60	494·30	493·66	496·16	496·11	494·35	493·20	.....
2	493·80	499·34	499·40	.....	494·55	494·30	493·66	496·21	496·01	494·30	493·20	.....
3	494·00	499·37	499·35	.....	494·55	494·30	493·76	496·26	495·76	494·25	493·15	.....
4	494·70	499·46	499·30	.....	494·55	494·30	494·36	496·31	495·71	494·15	493·05	.....
5	495·40	499·48	499·26	.....	494·55	494·30	494·06	496·36	495·61	494·15	493·05	492·20
6	495·80	499·50	499·25	.....	494·55	494·40	494·21	496·41	495·51	494·10	493·05	492·30
7	496·10	499·55	499·25	.....	494·55	494·35	494·36	496·46	495·46	494·05	493·05	492·30
8	496·40	499·55	499·13	.....	494·55	494·30	494·46	496·46	495·41	494·05	492·95	492·80
9	496·60	499·67	499·05	.....	494·50	494·25	494·61	496·51	495·36	494·05	492·95	493·30
10	496·80	499·60	498·85	495·65	494·50	494·25	494·71	496·56	.....	493·95	492·95	493·30
11	496·95	499·60	498·75	495·60	494·50	494·15	494·86	496·56	495·31	493·90	492·95	493·40
12	497·10	499·50	498·65	495·55	494·50	494·15	494·96	496·58	495·26	493·85	.....	493·50
13	497·20	499·40	498·55	495·50	494·50	494·15	495·06	496·56	495·16	493·85	.....	493·50
14	497·30	499·30	498·35	495·45	494·45	494·10	495·16	496·56	495·11	493·80	.....	493·50
15	497·40	499·20	498·35	495·40	494·45	494·10	495·21	496·51	495·06	493·75	.....	493·60
16	497·50	499·05	498·04	495·35	494·40	494·50	495·26	496·46	495·01	493·75	.....	493·60
17	497·60	498·90	498·00	495·25	494·35	494·50	495·31	496·51	494·96	493·65	.....	493·70
18	497·70	498·80	497·80	495·20	494·30	494·50	495·36	496·61	495·36	493·60	.....	493·70
19	497·80	498·68	497·58	495·10	494·25	494·50	495·41	496·76	495·36	493·55	.....	493·70
20	497·90	498·58	497·70	495·00	494·20	494·50	495·46	497·01	494·86	493·55	.....	493·70
21	498·00	498·65	497·50	494·95	.....	494·10	495·51	496·96	494·86	493·55	.....	493·70
22	498·00	498·65	497·45	494·90	.....	494·10	495·56	496·86	494·76	493·55	.....	493·60
23	498·10	498·70	497·40	494·90	.....	493·90	495·61	496·76	494·66	493·45	.....	493·60
24	498·20	498·75	497·30	494·90	.....	493·85	495·66	496·66	494·71	493·40	.....	493·60
25	498·30	498·80	497·10	494·85	.....	493·80	495·71	496·66	494·66	493·40	.....	493·60
26	498·50	498·85	.....	494·80	.....	493·80	495·76	496·56	494·56	493·40	.....	493·70
27	498·70	498·90	.....	494·75	.....	493·80	495·86	496·46	494·51	493·35	.....	493·70
28	498·90	498·95	.....	494·70	494·50	493·80	495·96	496·36	494·46	493·35	.....	493·70
29	499·10	499·05	.....	494·65	494·45	493·80	496·06	496·26	494·46	493·30	.....	493·70
30	499·25	499·16	.....	494·65	494·40	493·80	496·06	496·21	494·46	493·30	.....	493·70
31	.....	499·33	.....	494·65	494·35	.....	496·11	.....	494·36	493·25	.....	493·70

Elevations above M.S.L. of Ottawa River at Mattawa, for 1911–12.

TABLE No. 94.

1	493·70	498·90	501·80	497·80	494·50	493·80	493·10	493·80	495·10	495·40	494·20	494·10
2	493·70	499·80	501·20	497·70	494·40	493·80	493·10	493·90	495·10	495·40	494·20	494·20
3	493·70	500·20	501·50	497·60	494·40	493·70	493·00	493·90	495·10	495·30	494·20	494·20
4	493·60	500·60	501·30	497·30	494·40	493·70	493·10	493·80	495·00	495·30	494·10	494·20
5	493·60	505·10	501·10	497·00	494·40	493·70	493·00	493·80	495·05	495·30	494·10	494·20
6	493·60	505·50	500·80	496·80	494·40	493·70	493·00	493·80	495·00	495·30	494·00	494·20
7	493·60	504·90	500·70	496·70	494·40	493·70	493·00	493·80	495·00	495·30	494·00	494·20
8	493·60	504·40	500·50	496·60	494·30	493·70	493·00	493·90	494·90	495·20	494·00	494·20
9	493·70	504·10	500·30	496·40	494·20	493·70	492·90	493·90	494·90	495·10	493·90	494·20
10	493·70	503·80	500·10	496·40	494·10	493·60	492·90	493·90	495·00	495·00	493·90	494·20
11	493·70	503·50	499·90	496·20	494·00	493·60	492·90	494·00	495·10	495·00	493·90	494·20
12	493·70	503·30	499·70	496·00	493·90	493·60	493·00	494·00	495·20	494·90	493·80	494·20
13	493·70	503·10	499·60	495·90	493·90	493·60	493·00	494·30	495·30	494·70	493·80	494·20
14	493·70	503·00	499·40	495·80	493·90	493·60	493·10	494·40	495·40	494·70	493·70	494·20
15	493·80	502·90	499·20	495·70	493·90	493·60	493·00	494·50	495·50	494·70	493·70	494·20
16	493·80	502·80	499·00	495·60	493·90	493·50	493·00	494·60	495·50	494·70	493·80	494·20
17	494·00	502·70	498·80	495·50	494·00	493·50	492·90	494·70	495·50	494·70	493·80	494·10
18	494·30	502·60	498·80	495·30	494·00	493·50	492·90	494·80	495·60	494·70	493·80	494·10
19	494·50	502·50	498·70	495·10	494·00	493·50	492·80	494·80	495·50	494·70	493·80	494·10
20	494·80	502·40	498·60	494·90	494·10	493·50	492·80	494·90	495·50	494·70	493·80	494·10
21	495·10	502·50	498·60	494·80	494·10	493·40	492·80	495·00	495·50	494·70	493·90	494·10
22	495·30	502·50	498·70	494·70	494·10	493·40	492·80	495·10	495·50	494·70	493·90	494·10
23	495·50	502·50	498·80	494·60	494·10	493·40	492·90	495·00	495·60	494·70	493·90	494·10
24	495·70	502·50	498·90	494·60	494·00	493·30	492·80	495·10	495·60	494·60	493·90	494·00
25	495·90	502·50	498·90	494·60	494·00	493·30	493·20	495·10	495·60	494·60	493·90	494·00
26	496·30	502·50	498·70	494·50	494·00	493·30	493·10	495·10	495·60	494·50	494·00	493·90
27	496·60	502·40	498·50	494·50	493·90	493·30	493·20	495·10	495·60	494·50	494·10	493·90
28	497·30	502·30	498·40	494·40	493·90	493·30	493·30	495·20	495·60	494·40	494·10	493·90
29	497·70	502·20	498·20	494·40	493·90	493·20	493·50	495·20	495·50	494·40	494·10	493·80
30	498·20	502·00	498·00	494·40	493·90	493·20	493·60	495·20	495·50	494·40	.....	493·70
31	.....	501·90	.....	494·40	493·80	.....	493·70	.....	495·40	494·30	.....	493·60

Elevations above M.S.L. of Ottawa River at Mattawa, for 1912–13.

TABLE No. 95.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	493·36	497·96	503·26	498·86	496·36	494·76	494·06	495·36	495·16	495·06	495·06	495·46
2	493·26	498·66	503·26	498·66	496·26	494·66	494·06	495·46	495·16	495·06	495·06	495·46
3	493·16	498·96	503·06	498·56	496·16	494·66	494·16	495·46	495·16	495·06	495·06	495·46
4	493·16	498·96	502·96	498·36	496·06	494·66	494·16	495·46	495·16	495·06	495·06	495·36
5	493·06	498·96	502·96	498·26	495·86	494·66	494·26	495·46	495·16	495·06	495·16	495·26
6	493·16	498·96	502·76	498·06	495·76	494·76	494·26	495·56	495·16	495·06	495·16	495·16
7	493·56	499·16	502·86	497·76	495·66	494·86	494·36	495·86	495·26	495·06	495·16	495·06
8	493·66	499·26	502·56	497·66	495·66	494·86	494·36	495·86	495·26	495·06	495·16	494·86
9	493·66	499·36	502·46	497·66	495·56	494·66	494·36	495·76	495·16	495·06	495·16	494·66
10	493·66	499·46	502·26	497·66	495·66	494·66	494·46	495·76	495·16	495·16	495·26	494·46
11	493·66	499·36	502·06	497·16	495·66	494·66	494·46	495·76	495·16	495·16	495·26	494·56
12	493·66	499·56	501·96	497·66	495·66	494·66	494·46	495·56	495·06	495·26	495·36	494·46
13	493·76	500·16	501·86	497·56	495·66	494·56	494·46	495·46	495·06	495·26	495·36	494·46
14	493·76	500·76	501·56	497·46	495·56	494·46	494·46	495·86	494·96	495·16	495·26	494·36
15	493·86	500·86	501·36	497·46	495·46	494·36	494·56	496·16	494·96	495·16	495·26	494·26
16	494·16	501·06	501·36	497·46	495·36	494·36	494·56	496·46	494·96	495·06	495·16	494·16
17	494·46	501·26	501·36	497·36	495·26	494·06	494·56	496·36	494·96	495·06	495·16	494·16
18	494·66	501·36	501·26	497·36	495·16	493·96	494·46	496·26	495·06	494·96	495·06	494·16
19	494·76	501·46	501·06	497·26	495·06	493·56	494·56	496·06	495·06	494·96	495·06	494·06
20	494·76	501·56	500·96	497·06	494·96	493·46	494·56	495·86	495·06	494·96	495·06	494·06
21	494·86	501·66	500·86	496·96	494·86	493·26	494·56	495·36	494·96	495·06	495·16	494·16
22	494·86	501·96	500·76	496·96	494·86	493·16	494·56	495·36	494·96	495·06	495·26	494·26
23	495·36	502·16	500·46	496·86	494·86	493·26	494·66	495·26	494·96	495·06	495·36	494·36
24	495·56	502·36	500·16	496·66	494·86	493·36	494·86	495·26	494·96	495·06	495·56	494·46
25	495·66	502·66	500·06	496·56	494·76	493·46	494·86	495·36	494·96	495·16	495·56	494·56
26	495·66	502·46	500·06	496·56	494·76	493·56	494·96	495·36	494·96	495·16	495·56	494·66
27	495·86	502·36	499·36	496·56	494·76	493·76	495·06	495·26	494·96	495·16	495·56	494·76
28	496·26	502·66	499·26	496·36	494·76	493·86	495·16	495·26	494·96	495·06	495·46	494·76
29	496·66	503·26	499·16	496·36	494·76	493·96	495·16	495·16	494·96	495·06	.....	494·66
30	497·26	503·36	499·06	496·36	494·76	493·96	495·26	495·16	494·96	495·06	.....	494·76
31	.....	503·46	.....	496·36	494·76	.....	495·36	.....	494·96	495·06	.....	494·86

Elevations above M.S.L. of Ottawa River at Mattawa, for 1913–14.

TABLE No. 96.

1	495·06	503·56	499·16	496·26	495·16	494·76	494·06	495·06	497·66	496·06	495·06	494·86
2	495·16	503·86	499·26	496·06	495·16	494·86	494·06	495·06	497·66	495·96	495·06	494·76
3	495·06	503·86	498·76	495·76	495·16	494·76	494·16	495·06	497·86	495·96	495·06	494·86
4	495·06	503·66	498·76	495·76	495·16	494·66	494·06	495·06	497·96	495·86	495·06	494·86
5	495·06	503·56	498·76	495·66	495·06	494·56	494·06	495·16	497·96	495·86	495·06	494·76
6	495·16	503·46	498·66	495·56	495·06	494·66	494·06	495·16	497·96	495·76	495·16	494·76
7	495·06	503·56	498·66	495·56	495·06	494·56	493·96	495·16	497·86	485·76	495·16	494·76
8	494·96	503·46	498·66	495·46	495·06	494·56	493·96	495·26	497·76	495·76	495·26	494·86
9	494·86	503·56	498·66	495·36	495·06	494·46	494·06	495·46	497·66	495·66	495·36	494·86
10	494·66	503·46	498·66	495·26	495·06	494·46	494·06	495·56	497·66	495·66	495·46	494·86
11	494·46	503·26	498·56	495·26	495·06	494·46	494·06	495·56	497·66	495·66	495·46	495·06
12	494·26	503·06	498·66	495·16	495·06	494·36	494·26	495·56	497·56	495·56	495·46	495·26
13	494·06	502·96	498·56	495·36	495·06	494·36	494·06	495·66	497·56	495·56	495·46	495·26
14	494·46	502·86	498·46	495·36	495·06	494·36	494·16	495·66	497·46	495·46	495·46	495·26
15	494·46	502·56	498·26	495·26	495·06	494·36	494·16	495·66	497·36	495·46	495·46	495·06
16	494·46	502·36	498·26	495·26	494·96	494·36	494·16	495·66	497·26	495·16	495·46	495·06
17	494·46	501·76	498·16	495·26	494·86	494·26	494·16	495·76	497·16	495·36	495·46	495·06
18	494·96	500·66	498·16	495·26	494·86	494·26	494·16	495·76	497·16	495·26	495·46	495·06
19	495·06	501·36	497·66	495·16	494·86	494·26	494·16	495·86	497·06	495·26	495·46	495·06
20	495·16	501·26	498·06	495·16	494·76	494·26	494·16	496·16	496·96	495·16	495·36	494·86
21	495·06	500·86	497·66	495·16	494·76	494·26	494·26	496·66	496·86	495·16	495·36	494·66
22	494·96	500·86	497·46	495·26	494·86	494·26	494·26	496·76	496·86	495·16	495·36	494·66
23	495·06	499·96	497·46	495·26	494·96	494·26	494·26	497·26	496·76	495·06	495·26	494·66
24	495·36	500·16	497·26	495·26	494·86	494·26	494·46	497·46	496·76	495·06	495·16	494·56
25	495·66	500·06	497·06	495·26	494·86	494·06	494·66	497·76	496·66	495·06	495·16	494·56
26	495·76	499·96	497·06	495·26	494·86	494·26	494·66	497·86	496·56	495·06	494·96	494·56
27	498·26	499·86	496·96	495·26	494·96	494·26	494·66	497·86	496·46	495·06	494·86	494·56
28	500·16	499·46	496·96	495·26	494·86	494·26	494·76	497·66	496·26	495·06	494·86	494·56
29	502·06	499·36	496·66	495·16	494·76	494·26	494·86	497·66	496·16	494·96	.....	494·56
30	502·66	499·36	496·46	495·16	494·76	494·06	495·06	497·56	496·16	494·96	.....	494·56
31	.....	499·26	.....	495·16	494·76	.....	495·06	.....	496·16	495·06	.....	494·36

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Mattawa, for 1914–15.

TABLE No. 97

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	494·26	497·86	497·26	496·46	494·06	492·86	492·36	492·16	492·46	492·66	492·76	492·86
2	494·16	497·86	497·06	496·36	494·06	492·86	492·36	492·16	492·56	492·66	492·76	492·86
3	494·16	498·06	497·16	496·26	494·06	492·86	492·36	492·16	492·56	492·66	492·76	492·86
4	494·16	498·06	497·16	496·16	493·96	492·86	492·06	492·16	492·56	492·66	492·76	492·86
5	494·16	498·46	497·16	495·96	493·86	492·86	492·06	492·16	492·56	492·66	492·76	492·86
6	494·16	498·78	497·16	495·76	493·76	492·96	491·96	492·06	492·56	492·66	492·76	492·86
7	494·16	498·88	497·16	495·66	493·76	492·96	492·06	492·06	492·56	492·66	492·76	492·86
8	494·16	499·06	497·16	495·66	493·66	492·96	492·06	492·26	492·56	492·66	492·86	492·86
9	494·06	499·46	497·16	495·66	493·66	492·96	492·06	492·26	492·56	492·66	492·86	492·86
10	494·06	499·46	497·16	495·56	493·66	492·86	492·06	492·26	492·56	492·66	492·86	492·96
11	494·06	499·46	497·16	495·66	493·56	492·86	482·06	492·26	492·56	492·66	492·86	492·96
12	494·06	499·56	497·16	495·46	493·56	492·86	491·96	492·26	492·56	492·76	492·86	492·96
13	494·06	499·66	497·16	495·36	493·56	492·86	492·16	492·26	492·56	492·76	492·86	492·96
14	494·06	499·46	497·16	495·26	493·56	492·86	492·16	492·26	292·56	492·76	492·86	492·96
15	494·06	498·96	498·16	495·16	493·46	492·66	491·96	492·26	492·56	492·76	492·86	492·96
16	494·16	498·46	498·26	495·16	493·46	492·56	491·96	492·26	492·56	492·76	492·86	492·96
17	494·26	498·06	498·06	495·16	493·46	492·66	491·96	492·26	492·56	492·76	492·86	492·96
18	494·26	497·76	497·86	495·16	493·46	492·76	491·96	492·26	492·56	492·66	492·86	492·96
19	495·26	497·66	497·66	495·06	493·46	492·76	491·96	492·26	492·56	492·66	491·86	492·96
20	495·26	497·56	497·46	494·96	493·36	492·76	492·06	492·26	492·56	492·66	492·86	492·96
21	495·36	497·36	497·46	494·86	493·36	492·66	492·16	492·26	492·56	492·66	492·86	492·96
22	495·36	497·16	497·36	494·66	493·36	492·56	492·06	492·36	492·56	492·76	492·86	492·96
23	495·36	497·06	497·26	494·56	493·26	492·56	492·06	492·36	492·66	492·76	482·86	492·96
24	495·36	496·96	497·16	494·46	493·26	492·56	492·16	492·36	492·66	492·76	492·86	492·96
25	495·66	496·96	497·16	494·36	493·26	492·56	492·16	492·36	492·66	492·76	492·86	492·96
26	496·16	496·96	497·06	494·36	493·16	492·56	492·16	492·36	492·66	492·76	492·86	492·96
27	496·26	496·96	496·86	494·36	493·16	492·56	492·16	492·46	492·66	492·76	492·86	492·96
28	496·56	497·06	496·76	494·36	493·06	492·26	492·16	492·46	492·66	492·76	492·86	492·96
29	497·06	497·16	496·66	494·26	493·06	492·26	492·16	492·46	492·66	492·76	.....	492·96
30	497·56	497·26	496·56	494·16	492·96	492·36	492·16	492·46	492·66	492·76	.....	492·96
31	.....	497·26	.....	494·16	492·96	.....	492·16	.....	492·66	492·76	.....	492·96

Elevations above M.S.L. of Ottawa River at Klock Station, for 1904.

TABLE No. 98.

1	.....	.....	.....	.....	.....	.....	.....	482·10	481·50	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	482·10	481·40	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	481·90	481·35	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	481·80	481·25	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	481·75	481·20	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	481·70	481·10	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	481·70	481·05	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	481·70	481·00	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	481·70	480·90	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	481·70	480·85	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	481·80	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	481·80	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	481·80	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	481·80	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	481·80	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	481·80	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	481·85	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	481·90	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	481·90	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	481·85	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	481·80	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	481·75	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	482·30	481·70	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	482·10	481·65	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	482·15	481·60	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	482·25	481·60	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	482·30	481·60	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	482·25	481·60	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	482·10	481·60	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	482·10	481·55	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	482·10	.....	.....	.....	.....	.....

Elevations above M.S.L. of Ottawa River at Klock Station, for 1905–06.

TABLE No. 99.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	477·40	481·30	484·80	481·30	480·10	478·55	477·35	.....	.....	.....	.....	.....
2	477·50	481·50	485·00	481·05	479·95	478·55	477·35	.....	.....	.....	.....	.....
3	477·50	482·10	485·00	481·00	479·90	478·60	477·30	.....	.....	.....	.....	478·32
4	477·60	482·80	484·80	480·95	479·85	478·60	477·20	.....	.....	.....	.....	.....
5	478·00	483·00	484·70	480·80	479·80	478·65	477·15	.....	.....	.....	.....	478·32
6	478·30	483·20	484·65	480·65	479·70	478·60	476·95	.....	.....	.....	.....	.....
7	478·40	483·60	484·60	480·65	479·55	478·50	476·90	.....	.....	.....	.....	478·15
8	478·40	483·80	484·50	480·60	479·40	478·45	476·95	.....	.....	.....	.....	.....
9	478·20	484·50	484·30	480·60	479·25	478·45	476·95	.....	.....	.....	.....	478·15
10	478·30	484·80	484·10	480·65	479·10	478·40	477·05	.....	.....	.....	.....	.....
11	478·20	484·90	484·05	480·60	479·05	478·35	477·10	.....	.....	.....	.....	.....
12	478·90	484·70	483·80	480·65	479·10	478·30	477·15	.....	.....	.....	.....	477·65
13	479·10	484·60	484·00	480·65	479·05	478·25	477·20	.....	.....	.....	.....	.....
14	479·40	484·60	484·30	480·50	479·05	478·15	477·15	.....	.....	.....	.....	.....
15	479·20	484·80	484·00	480·60	479·10	478·15	477·10	.....	.....	.....	.....	477·65
16	479·20	485·20	483·75	480·55	479·05	478·10	476·90	.....	.....	.....	.....	.....
17	479·20	485·40	483·60	480·40	478·95	478·00	477·10	.....	.....	.....	.....	477·57
18	479·20	485·80	483·40	480·55	478·90	477·95	477·30	.....	.....	.....	.....	.....
19	479·10	485·90	483·15	480·50	478·80	477·00	477·55	.....	.....	.....	479·07	477·57
20	479·10	486·00	483·00	480·50	478·60	477·75	477·60	.....	.....	.....	.....	.....
21	479·20	485·90	482·90	480·40	478·55	477·70	477·70	.....	.....	.....	.....	477·65
22	479·20	485·60	482·80	480·30	478·50	477·65	477·65	.....	.....	.....	479·07	.....
23	479·30	485·60	482·65	480·30	478·55	477·60	.....	.....	.....	.....	.....	477·65
24	479·10	485·40	482·40	480·25	478·50	477·65	.....	.....	.....	.....	478·32	.....
25	479·10	485·20	482·25	480·30	478·90	477·60	.....	.....	.....	.....	.....	.....
26	479·30	485·35	482·15	480·30	478·55	477·50	.....	.....	.....	.....	478·32	477·98
27	479·69	485·30	482·00	480·25	478·55	477·45	.....	.....	.....	.....	.....	.....
28	479·90	485·20	481·90	480·20	478·60	477·40	.....	.....	.....	.....	478·23	477·98
29	480·00	485·10	481·70	480·20	478·50	477·35	.....	.....	.....	.....	.....	.....
30	480·90	485·15	481·50	480·15	478·45	477·40	.....	.....	.....	.....	.....	478·07
31	.....	484·90	.....	480·10	478·60	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Ottawa River at Klock Station, for 1906.

TABLE No. 100.

1	.....	486·90	488·06	485·56	479·90	477·70	476·10	476·20	477·30	.....	.....	.....
2	478·65	487·07	488·06	485·36	479·90	477·70	475·90	476·20	477·30	.....	.....	.....
3	.....	487·23	488·06	484·96	479·90	477·60	475·90	476·20	477·20	.....	.....	.....
4	.....	487·48	487·76	484·76	479·90	477·50	475·90	476·10	477·20	.....	.....	.....
5	478·65	488·07	487·76	484·56	.....	476·70	475·80	476·10	477·20	.....	.....	.....
6	.....	488·30	487·56	484·36	479·90	476·30	475·80	476·50	477·20	.....	.....	.....
7	478·48	488·50	488·06	483·96	479·90	476·10	475·80	476·60	477·20	.....	.....	.....
8	.....	488·80	487·96	483·80	479·80	476·00	475·90	476·70	477·20	.....	.....	.....
9	.....	489·10	487·96	483·40	479·70	476·10	475·90	476·80	477·20	.....	.....	.....
10	.....	489·30	488·06	483·20	479·60	476·20	476·00	476·90	477·20	.....	.....	.....
11	477·65	489·25	488·06	483·10	479·50	476·30	476·10	476·90	477·20	.....	.....	.....
12	.....	489·70	488·16	482·70	479·40	476·30	476·10	477·00	477·20	.....	.....	.....
13	477·82	489·90	488·36	482·10	479·30	476·40	476·20	477·00	477·20	.....	.....	.....
14	477·82	489·56	488·56	481·50	479·20	476·40	476·10	477·00	477·20	.....	.....	.....
15	.....	489·36	488·86	481·20	479·20	476·50	476·10	477·00	477·20	.....	.....	.....
16	478·48	489·26	488·96	481·10	479·10	476·40	476·00	477·00	477·20	.....	.....	.....
17	.....	489·26	488·86	480·70	478·90	476·40	475·90	477·10	477·20	.....	.....	.....
18	479·07	489·26	488·86	480·70	478·80	476·40	475·80	477·10	477·20	.....	.....	.....
19	.....	489·26	489·26	481·20	478·70	476·40	475·80	477·10	477·20	.....	.....	.....
20	480·15	489·16	488·96	481·10	478·40	476·40	475·80	477·10	477·20	.....	.....	.....
21	.....	489·06	487·96	481·10	478·40	476·40	475·75	477·10	477·20	.....	.....	.....
22	481·73	488·86	487·86	480·90	478·30	476·40	475·80	477·10	477·20	.....	.....	.....
23	482·07	488·86	487·76	480·70	478·30	476·40	475·80	477·10	477·20	.....	.....	.....
24	.....	488·86	487·56	480·70	478·20	.....	475·80	477·20	477·20	.....	.....	.....
25	482·40	488·76	487·16	480·50	478·10	.....	475·80	477·20	477·20	.....	.....	.....
26	.....	488·76	486·86	480·30	478·00	.....	475·80	477·20	477·20	.....	.....	.....
27	482·90	488·66	486·56	480·10	478·00	.....	475·80	477·30	477·20	.....	.....	.....
28	.....	488·56	486·36	479·90	477·90	.....	475·90	477·30	477·20	.....	.....	.....
29	.....	488·56	486·06	479·90	477·90	.....	475·90	477·30	477·20	.....	.....	.....
3030	486·73	488·46	485·86	479·90	477·80	476·10	476·10	477·30	477·20	.....	.....	.....
31	.....	488·06	.....	479·90	477·80	.....	476·20	.....	477·20	.....	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Klock Station, for 1908.

TABLE No. 101.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	484·56	492·06	486·86	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	484·76	492·16	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	484·66	492·16	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	484·76	492·16	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	484·56	492·16	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	484·56	491·96	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	484·76	491 76	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	485·26	491·66	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	486·56	491·66	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	487·16	491·66	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	487·86	491·56	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	488·36	491·26	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	489·26	491·06	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	489·76	490·76	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	489·96	490·76	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	490·26	490·66	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	490·36	490·46	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	490·46	490·16	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	490·66	489·96	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	490·66	489·66	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	490·86	489·56	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	490·86	489·26	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	490·91	489·06	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	491·06	488·76	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	488·56	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	491·16	488·36	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	491·16	487·96	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	491·26	487·46	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	491·26	487·26	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	491·36	487·06	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	491·76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Ottawa River at Klock Station, for 1909–10.

TABLE No. 102.

1	.....	482·90	495·80	486·80	482·46	480·91	480·76	480·76	480·41	479·00	478·20	478·55
2	.....	483·05	495·00	486·80	482·46	480·96	480·76	480·81	480·31	479·05	478·23	478·60
3	.....	483·35	494·90	486·50	482·46	480·96	480·76	480·86	480·31	479·10	478·22	478·65
4	.....	483·50	494·50	486·20	482·26	480·86	480·81	480·86	480·31	479·15	478·25	478·70
5	.....	483·70	494·60	485·80	482·16	480·96	480·86	480·86	480·29	479·20	478·25	478·75
6	.....	483·81	494·27	485·60	482·21	480·96	480·81	480·86	480·26	479·25	478·25	478·80
7	477·65	484·00	493·82	485·30	482·16	480·96	480·81	480·86	480·26	479·30	478·25	478·85
8	477·75	484·15	493·55	485·10	482·11	480·96	480·81	480·86	480·26	479·35	478·25	478·85
9	.....	484·31	493·33	484·80	482·06	480·96	480·81	480·86	480·21	479·40	478·25	478·85
10	.....	485·90	492·81	484·60	482·06	480·96	480·81	480·76	480·16	479·45	478·25	478·85
11	478·30	486·33	492·39	484·30	482·01	480·96	480·81	480·76	480·11	479·50	478·25	478·00
12	478·60	486·92	492·26	484·10	481·86	480·96	480·81	480·76	480·06	479·55	478·25	478·00
13	478·73	487·34	491·90	484·70	481·71	480·91	480·76	480·76	480·06	479·60	478·30	478·00
14	478·96	487·90	491·70	484·50	481·56	480·86	480·66	480·71	480·06	479·65	478·30	476·90
15	479·08	488·60	491·20	484·40	481·66	480·86	480·66	480·71	480·04	479·70	478·30	477·40
16	479·31	489·38	491·00	484·20	481·76	480·86	480·56	480·71	480·01	479·80	478·35	477·20
17	479·43	490·60	490·73	484·00	481·76	480·86	480·56	480·71	480·01	479·80	478·35	477·25
18	479·85	490·87	490·50	483·90	481·66	480·86	480·66	480·71	479·96	479·85	478·35	477·30
19	480·30	492·27	490·26	.....	481·66	480·86	480·76	480·71	479·96	479·85	478·35	477·35
20	480·46	493·60	490·00	.....	481·67	480·86	480·76	480·66	479·96	479·00	478·35	477·40
21	480·61	494·10	489·75	.....	481·51	480·76	480·86	480·66	479·91	479·00	478·35	477·40
22	480·80	494·60	489·38	483·31	481·36	480·66	480·96	480·66	479·86	477·90	478·45	477·45
23	480·93	495·10	489·10	482·66	481·26	480·56	481·06	480·71	479·76	477·90	478·45	477·45
24	481·60	495·40	488·83	482·96	481·21	480·56	481·06	480·71	479·66	478·00	478·45	477·45
25	482·10	495·70	488·45	483·16	481·16	480·56	481·06	480·56	479·56	478·05	478·45	477·50
26	482·23	496·10	488·20	482·96	481·11	480·56	481·06	480·56	479·46	478·05	478·45	477·55
27	482·23	.....	487·62	482·66	481·11	480·66	481·01	480·56	479·41	478·10	478·50	477·40
28	482·40	.....	487·35	482·46	481·06	480·71	480·96	480·46	479·36	478·15	478·50	477·45
29	482·55	.....	487·10	482·41	481·06	480·76	480·91	480·46	479·31	478·15	.....	477·45
30	482·55	496·71	486·93	482·36	481·01	480·76	480·86	480·46	479·26	478·20	.....	477·50
31	.....	496·30	.....	482·46	480·96	.....	480·81	.....	479·21	478·20	.....	477·55

Elevations above M.S.L. of Ottawa River at Klock Station, for 1910–11.

TABLE No. 103.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	477·60	486·80	486·30	482·16	479·36	478·96	478·11	481·66	481·66	478·95	479·95	477·85
2	477·60	486·90	486·50	481·96	479·31	478·91	478·26	481·76	481·56	478·95	479·85	477·85
3	477·65	487·00	486·70	481·86	479·26	478·91	478·31	481·86	488·46	478·85	479·85	477·85
4	477·70	497·10	486·80	481·86	479·26	478·86	478·26	481·96	481·36	478·85	479·85	477·95
5	477·75	486·90	486·70	481·56	479·21	478·91	478·56	481·96	481·16	478·95	479·90	477·95
6	477·85	486·90	486·60	481·36	479·16	478·96	478·86	482·06	480·96	479·15	479·95	477·95
7	478·00	487·00	486·50	481·16	479·26	478·86	479·16	482·16	480·76	479·45	479·95	477·95
8	.....	487·00	486·30	480·96	479·21	478·86	479·46	482·16	480·66	479·65	479·95	478·00
9	.....	487·00	486·20	480·86	479·16	478·76	479·56	482·16	480·56	579·55	480·15	477·95
10	.....	487·00	486·15	480·76	479·16	478·66	479·76	482·26	480·46	479·45	480·25	478·05
11	.....	487 10	486·10	480·76	479·21	478·66	479·96	482·26	480·36	479·25	480·35	478 05
12	482·50	487·10	485·80	.....	479·06	478·66	480·16	482·36	480·36	479·05	.....	477·75
13	482·70	487·10	485·40	.....	479·06	478·66	480·26	482·56	480·26	478·85	.....	477·65
14	482·80	486·90	485·20	480·36	479 01	478·56	480·36	482·66	480·16	478·75	.....	477·45
15	483·00	486·80	485·10	479·91	479·11	478·56	480·46	482·76	480·11	478·75	.....	477·35
16	483·05	486·50	484 90	479·76	479·06	478·56	480·56	482·86	479·86	478·85	.....	477·25
17	483·15	486·50	484·80	479·76	479·06	478·46	480·66	482·91	479·76	479·05	.....	477·25
18	483·30	486·40	484·80	479·76	479·06	478·46	480·66	483·06	479·66	479·15	.....	477·25
19	483·60	486·20	484·80	479·76	479·06	478·46	480·56	483·16	479·61	479·45	.....	477·25
20	483·70	486·10	484·80	479·76	479·08	478·36	480·56	483·26	479·56	479·65	.....	477·20
21	483·90	486·10	484·80	479·71	478·76	478·36	480·61	483·16	479·46	479·95	.....	476·95
22	484·50	486·10	484·80	479·66	478·76	478·26	480·66	483·16	479·36	480·05	.....	476·95
23	484·70	486·00	484·66	479·66	478·86	478·16	480·86	483·06	479·26	480·15	.....	476·90
24	485·00	486·00	484·26	479·66	479·01	478·06	480·96	482·86	479·16	480·25	.....	476·85
25	485·20	486·00	484·06	479·56	479·16	478·06	481·16	482·76	479·16	480·05	477·85	476·85
26	485·40	486·00	483·66	479·56	479·26	478·06	481·36	482·56	479·11	479·95	477·90	476·85
27	485·70	486·00	483·46	479·56	479·26	478·06	481·36	482·46	479·06	479·95	477·80	476·85
28	486·50	.....	483·06	479·46	479·26	478·06	481·41	482·26	479·06	479·85	477·85	476·85
29	486·60	486·00	482·76	479·46	479·16	478·06	481·46	482·06	479·01	479·95	.....	476·85
30	486·70	486·00	482·46	479·41	479·11	478·06	481·46	481·86	478·96	480·05	.....	476·85
31	.....	486·10	.....	479·36	479·11	.....	481·56	.....	478·96	480·05	.....	476·85

Elevations above M.S.L. of Ottawa River at Klock Station, for 1911–12.

TABLE No. 104.

1	476·65	486·35	488·75	484·55	478·85	478·05	477·00	477·80	479·95	.....	481·25	480·75
2	476·55	486·95	488·55	484·45	478·95	478·05	476·95	477·85	479·85	.....	481·05	480·85
3	476·55	487·25	488·35	484·05	478·85	478·05	476·90	478·05	479·75	.....	480·85	480·85
4	476·50	488·75	488·15	483·95	478·95	478·00	476·85	478·05	479·75	.....	480·85	480·85
5	476·15	493·05	487·75	483·45	478·95	477·95	476·90	478·00	479·75	.....	480·80	480·85
6	476·05	492·35	487·55	483·15	478·85	477·90	476·65	477·95	479·70	.....	480·80	480·85
7	476·05	491·95	487·15	482·85	478·85	477·85	476·55	477·95	479·65	.....	480·75	480·80
8	476·05	491·55	486·95	482·55	478·70	477·80	476·55	477·95	479·65	.....	480·75	480·60
9	476·10	491·20	486·55	482·25	478·35	477·75	476·55	478·05	479·65	.....	480·75	480·60
10	476·15	490·95	486·35	481·85	478·35	477·70	476·55	478·20	.....	.....	480·70	479·25
11	476·35	490·75	486·15	481·55	478·25	477·70	476·55	478·25	479·65	.....	480·70	479·25
12	476·35	490·55	485·95	481·35	478·15	477·70	476·55	478·35	479·95	.....	480·55	479·15
13	476·75	490·55	485·90	481·20	478·15	477·70	476·75	478·45	480·05	.....	480·55	479·15
14	477·35	490·25	485·85	480·85	478·20	477·65	476·75	478·80	480·15	.....	480·55	479·15
15	477·65	489·85	485·05	480·75	478·20	477·60	476·75	479·05	480·20	.....	480·55	478·75
16	477·75	489·85	484·85	480·55	478·20	477·55	476·75	479·25	480·40	.....	480·55	479·05
17	478·05	489·80	484·75	480·25	478·35	477·50	476·75	479·30	480·50	.....	480·55	.....
18	478·15	489·60	484·70	480·35	478·35	477·35	476·55	479·45	480·50	.....	480·45	.....
19	478·55	489·40	484·65	480·15	478·40	477·30	476·45	479·55	480·45	.....	480·45	.....
20	479·05	489·25	484·65	479·75	478·35	477·25	476·45	479·65	480·40	.....	480·45	.....
21	479·15	489·20	484·65	479·55	478·30	477·20	476·45	479·75	480·40	.....	480·45	.....
22	479·55	489·25	484·65	479·05	478·30	477·15	476·50	479·75	480·40	.....	480·50	.....
23	479·75	489·25	484·75	478·95	478·25	477·15	476·55	479·80	480·45	.....	480·45	.....
24	480·75	489·25	484·75	479·05	478·25	477·15	476·70	479·80	480·55	.....	480·45	479·25
25	481·15	489·25	484·75	479·15	478·20	477·15	476·75	479·90	480·65	.....	480·45	479·05
26	482·05	489·25	484·75	479·15	478·15	477·15	476·85	.....	480 65	.....	480·45	479·05
27	482·85	489·25	484·75	479·05	478·15	477·10	476·95	479·80	480·60	.....	480·45	479·00
28	483·50	489·15	484·75	479·00	478·15	477·00	477·15	479·90	480·45	.....	480·60	478·65
29	484·15	489·05	484·65	478·95	478·15	477·00	477·35	479·95	480·35	.....	480·65	477·45
30	485·15	488·95		478·85	478·10	477·00	477·55	480·05	480·25	.....	.....	478·15
31	.....	488·85	.....	478·80	478·10	.....	477·75	.....	.....	.....	.....	478·05

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Klock Station, for 1912–13.

TABLE No. 105

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	478·05	484·65	490·93	486·23	481·36	478·90	477·69	479·59	479·79	478·89	479·09	481·59
2	478·05	485·75	490·83	486·03	481·21	478·90	477·69	479·69	479·64	478·89	479·09	481·49
3	477·85	485·75	490·58	485·83	481·06	478·90	477·69	479·79	479·49	478·89	478·99	480·99
4	477·65	485·75	490·48	485·58	480·98	478·90	477·79	479·99	479·49	478·89	478·99	480·79
5	477·55	485·75	490·38	485·38	480·86	478·90	477·89	479·94	479·29	478·89	478·99	480·79
6	477·25	485·33	490·28	485·08	480·61	479·00	477·89	480·49	479·29	478·89	478·29	480·79
7	477·45	485·38	490·28	484·68	480·46	479·15	477·99	480·54	479·44	478·89	478·29	480·69
8	477·65	485·58	490·08	484·68	480·41	479·05	478·09	480·54	479·49	478·89	478·49	480·49
9	478·15	485·78	489·88	484·58	480·31	478·95	478·19	480·59	479·54	478·99	480·39	480·39
10	478·45	485·83	489·58	484·58	480·31	478·80	478·19	480·54	479·54	478·94	480·49	480·34
11	478·40	485·83	489·38	484·58	480·30	478·70	478·29	480·39	479·39	479·09	481·39	480·19
12	478·40	486·08	489·23	484·53	480·30	478·70	478·29	480·34	479·29	479·59	481·49	479·79
13	478·40	486·98	488·98	484·38	480·30	478·60	478·29	480·29	479·19	479·49	481·49	479·69
14	478·45	487·53	488·68	483·16	480·20	478·60	478·29	480·19	479·19	479·49	481·39	479·39
15	478·55	487·73	488·58	483·16	480·10	478·60	478·34	480·09	479·19	479·49	481·39	479·39
16	479·05	487·98	488·58	483·11	480·00	478·50	478·34	479·84	479·19	479·39	481·39	479·29
17	479·35	488·28	488·53	483·11	479·80	477·99	478·39	480·74	479·19	479·34	481·29	479·29
18	479·35	488·53	488·48	483·11	479·60	477·59	478·44	480·74	479·24	479·29	481·29	479·29
19	479·55	488·73	488·23	483·11	479·50	477·04	478·49	480·69	479·09	478·99	481·29	479·29
20	479·55	488·73	488·13	483·06	479·40	476·84	478·52	480·59	479·09	478·99	481·29	479·29
21	479·65	488·78	487·93	483 01	479 30	476 64	478·54	480·59	478·99	478·99	481·29	479·39
22	480·05	489·23	487·68	482·86	479·25	476·54	478·59	480·59	478·99	478·99	481·29	479·39
23	480·45	489·38	487·18	482·21	479·20	476·59	478·69	480·49	478·99	479·04	481·49	479·49
24	480·70	489·83	487·03	482·01	479·10	476·79	478·79	480·49	478·99	479·04	481·54	479·54
25	480·75	489·98	486·93	481·81	479·10	476·89	478·94	480·44	478·99	479·04	481·59	479·89
26	480·85	489·93	486·88	481·79	479·10	476·99	479·09	480·29	478·79	479·09	481·59	480·49
27	481·25	490·33	486·88	481·56	479·05	477·19	479·14	480·19	478·84	479·09	481·69	480·09
28	481·85	490·98	486·78	481·46	479·00	477·29	479·19	479·99	478·84	479·09	481·79	479·99
29	482·95	491·08	486·68	481·46	479·00	477·49	479·29	479·99	478·84	479·09	.....	479·89
30	483·80	490·98	486·48	481·41	478·95	477·49	479·39	479·89	478·89	479·09	.....	479·79
31	.....	490·93	.....	481·36	478·90	.....	479·44	.....	478·89	479·19	.....	480·39

Elevations above M.S.L. of Ottawa River at Klock Station, for 1913–14.

TABLE No. 106.

1	.....	.....	.....	.....	479·30	478·90	477·70	479·10	483·40	480·70	480·70	481·10
2	.....	.....	.....	.....	479·30	478·80	477·70	479·10	483·40	480·60	480·60	481·00
3	.....	.....	.....	.....	479·30	478·80	477·70	479·20	483·50	480·60	480·50	480·80
4	.....	.....	.....	.....	479·30	478·80	477·70	479·30	483·60	480·50	480·50	480·50
5	.....	.....	.....	.....	479·30	478·80	477·70	479·30	483·70	480·40	480·60	480·40
6	.....	.....	.....	.....	479·20	478·70	477·70	479·40	483·70	480·30	480·70	480·30
7	.....	.....	.....	.....	479·20	478·70	477·70	479·50	483·60	480·20	481·70	480·30
8	.....	.....	.....	.....	479·20	478·70	477·70	499·60	483·50	480·20	481·80	480·40
9	.....	.....	.....	.....	479·10	478·70	477·70	479·70	483·40	480·20	481·60	480·50
10	.....	.....	.....	.....	479·10	478·60	477·70	479·90	483·20	480·10	481·80	480·80
11	.....	.....	.....	.....	479·10	478·60	477·70	480·00	483·10	480·00	482·00	481·00
12	.....	.....	.....	.....	479·20	478·60	477·80	480·10	483·00	480·00	482·10	480·80
13	.....	.....	.....	479·40	479·20	478·60	477·80	480·10	482·90	480·00	482·20	480·50
14	.....	.....	.....	479·30	479·10	478·60	477·80	480·20	482·80	480·10	482·50	480·40
15	.....	.....	.....	479·40	479·00	478·60	477·80	480·30	482·80	480·20	482·40	480·20
16	.....	.....	.....	479·40	479·00	478·60	477·80	480·30	482·80	480·20	482·50	480·00
17	.....	.....	.....	479·40	478·90	478·50	477·80	480·40	482·70	480·20	482·40	479·70
18	.....	.....	.....	479·30	478·90	478·40	477·90	480·60	482·70	480·20	482·40	479·60
19	.....	.....	.....	479·20	478·90	478·30	477·90	480·80	482·60	479·90	482·40	479·50
20	.....	.....	.....	479·20	478·90	478·20	478·00	481·20	482·50	479·50	482·30	479·20
21	.....	.....	.....	479·20	478·90	478·20	478·10	481·70	482·40	479·50	482·20	479·00
22	.....	.....	.....	479·30	478·90	478·20	478·20	482·10	482·30	479·40	482·10	478·80
23	.....	.....	.....	479·40	479·00	478·10	478·30	482·60	482·00	479·40	482·20	478·70
24	.....	.....	.....	479·50	479·10	478·00	478·50	483·10	481·80	479·30	482·10	478·50
25	.....	.....	.....	479·50	479·10	478·00	478·70	483·60	481·60	479·30	482·00	478·30
26	.....	.....	.....	479·50	479·10	478·00	478·70	483·70	481·40	479·70	481·80	478·30
27	.....	.....	.....	479·50	479·00	478·00	478·80	483·70	481·20	480·10	481·40	478·20
28	.....	.....	.....	479·50	479·00	477·90	478·90	483·60	481·10	480·50	481·20	478·20
29	.....	.....	.....	479·40	479·00	477·80	479·00	483·50	481·00	481·10	.....	478·10
30	.....	.....	.....	479·40	478·90	477·70	479·10	483·50	480·90	480·50	.....	478·10
31	.....	.....	.....	479·30	478·90	.....	479·10	.....	480·80	480·80	.....	478·10

Elevations above M.S.L. of Ottawa River at Klock Station, for 1914–15.

TABLE No. 107.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	478·00	483·70	482·70	481·80	477·70	476·00	475·30	475·15	475·50	475·85	476·30	475·60
2	478·10	484·00	482·70	481·60	477·60	476·00	475·20	475·15	475·60	475·85	476·25	475·50
3	478·00	483·80	482·70	481·20	477·50	476·00	475·19	475·10	475·65	475·85	476·25	475·40
4	477·90	483·90	482·60	481·00	477·50	476·00	475·15	475·10	475·65	475·90	476·20	475·30
5	477·80	484·20	482·70	480·80	477·40	476·00	475·10	475·10	475·65	475·90	476·20	475·20
6	477·70	484·50	482·70	480·70	477·30	476·10	475·10	475·10	475·68	475·90	476·20	475·10
7	477·60	484·90	482·70	480·60	477·30	476·10	475·10	475·20	475·75	475·90	476·20	475·10
8	477·50	485·20	482·30	480·50	477·20	476·10	475·05	475·20	475·80	475·90	476·20	475·10
9	477·50	485·40	482·00	480·60	477·20	476·00	475·05	475·20	475·80	475·90	476·20	475·10
10	477·40	485·60	481·70	480·50	477·20	476·00	475·05	475·20	475·90	475·90	476·15	475·10
11	477·40	484·90	481·70	480·40	477·20	476·00	475·10	475·20	475·90	475·90	476·10	475·10
12	477·30	486·00	481·70	480·20	477·10	476·00	475·00	475·20	475·90	475·95	476·10	475·10
13	477·30	486·00	481·70	479·90	477·00	476·08	475·00	475·25	475·85	475·95	476·10	475·10
14	477·30	486·00	481·80	479·70	476·90	476·07	475·05	475·25	475·85	476·00	476·05	475·05
15	477·40	485·40	482·00	479·60	476·80	476·05	475·05	475·25	475·85	476·05	476·05	475·05
16	477·40	484·50	484·20	479·40	476·80	476·02	475·05	475·30	475·85	476·05	476·05	475·00
17	477·50	483·60	484·30	479·30	476·80	476·00	475·08	475·35	475·83	476·10	476·00	475 00
18	478·00	483·40	483·80	479·30	476·80	476·05	475·10	475·40	475·80	476·10	475·90	475·00
19	478·50	483·40	483·65	479·20	476·70	476·01	475·10	475·40	475·80	476·10	475·90	474·90
20	479·50	483·60	483·45	479·10	476·70	476·10	475·10	475·40	475·85	476·05	475·80	474·90
21	479·90	483·80	483·25	479·00	476·70	476·00	475·10	475·45	475·85	476·00	475·80	474·90
22	479·80	483·60	483·15	478·80	476·70	476·00	475·20	475·40	475·90	476·00	475·80	474·90
23	479·80	483·20	482·85	478·80	476·60	475·90	475·20	475·40	475·90	476·00	475·75	474·90
24	479·80	483·00	482·75	478·60	476·50	475·80	475·20	475·40	475·90	476·05	475·70	474·95
25	479·90	482·80	482·65	478·50	476·40	475·60	475·15	475·40	475·90	476·10	475·70	475·00
26	480·30	482·50	482·55	478·40	476·40	475·55	475·15	475·40	475·90	476·15	475·70	475·00
27	480·90	482·30	482·35	478·30	476·30	475·50	475·20	475·40	475·90	476·20	475·70	475·00
28	481·50	482·40	482·20	478·20	476·30	475·45	475·20	475·40	475·90	476·25	475·70	475·00
29	482 20	482·40	482·10	478·10	476·20	475·40	475·20	475·45	475·90	476·30	.....	475·00
30	483·30	482·50	481·90	478·00	476·10	475·30	475·20	475·50	475·90	476·30	.....	474·95
31	.....	482·60	.....	477·80	476·10	.....	475·20	.....	475·90	476·30	.....	474·90

Elevations above M.S.L. of Du Moine River 1 mile from mouth, for 1905.

TABLE No. 108.

1	.....	449·09	450·49	447·99	447·69	446·19	.....	446·34	.....	.....	.....	.....
2	.....	449·69	450·39	.....	447·59	446·39	446·51	446·34	.....	.....	.....	.....
3	.....	448·69	449·69	447·99	447·49	.....	446·42	446·26	.....	.....	.....	.....
4	.....	449·59	.....	447·89	447·39	446·49	446 42	446·26	.....	.....	.....	.....
5	.....	449·89	450·49	447·99	447·39	446·59	446·34	.....	.....	.....	.....	.....
6	.....	449·59	450·39	447·89	.....	446·59	446·34	446·34	.....	.....	.....	.....
7	.....	.....	450·59	448·19	447·19	446 89	446·26	446·26	.....	.....	.....	.....
8	.....	450·49	450·99	448·09	447·19	446·59	.....	446·34	.....	.....	.....	.....
9	.....	450·29	449.69	.....	447·09	446·49	446·26	446·42	.....	.....	.....	.....
10	.....	450·79	450·39	447·79	447·09	.....	446·17	446·42	.....	.....	.....	.....
11	.....	451·09	.....	447·69	447·19	446·39	446·26	446·51	.....	.....	.....	.....
12	.....	451·29	450·39	447·59	447·09	446·29	446·42	.....	.....	.....	.....	.....
13	.....	450·49	450·29	447·69	.....	446·29	446·51	446·42	.....	.....	.....	.....
14	.....	.....	450·39	447·59	446·99	446·19	446·59	446·42	.....	.....	.....	.....
15	.....	450·59	450·29	447·69	446·89	446·09	.....	446·51	.....	.....	.....	.....
16	.....	450·79	450·39	.....	446·89	446·09	446·59	.....	.....	.....	.....	.....
17	.....	450·69	450·19	447·79	446·79	.....	446 59	.....	.....	.....	.....	.....
18	.....	450·69	.....	447·89	446·79	446·19	446·67	.....	.....	.....	.....	.....
19	.....	450·79	449·59	447·99	446·69	446·39	446·93	.....	.....	.....	.....	.....
20	.....	450·59	449·39	447·89	.....	446·49	447·01	.....	.....	.....	.....	.....
21	.....	.....	449·09	447·79	446·59	446·39	447·09	.....	.....	.....	.....	.....
22	.....	450·69	448·79	447·69	446·59	446·29	.....	.....	.....	.....	.....	.....
23	.....	450·49	448·69	.....	446·49	446·19	446·92	.....	.....	.....	.....	.....
24	.....	450·39	448·59	448·19	446·49	.....	447·01	.....	.....	.....	.....	.....
25	.....	450·69	.....	448·29	446·39	446·29	446·92	.....	.....	.....	.....	.....
26	.....	450·79	448.69	448·39	446·39	446·19	446 84	.....	.....	.....	.....	.....
27	.....	450·79	448·59	448·29	.....	446·19	446·75	.....	.....	.....	.....	.....
28	.....	.....	448·49	448·19	446·39	446·09	446·67	.....	.....	.....	.....	.....
29	448·29	450·89	448·39	448·09	446·39	446·09	.....	.....	.....	.....	.....	.....
30	.....	451·09	448·29	.....	446·29	445·99	446·51	.....	.....	.....	.....	.....
1	.....	450·99	.....	447·79	446·29	.....	446·42	.....	.....	.....	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Du Moine River 1 mile from mouth, for 1906.

TABLE No. 109.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			450·29		445·76	444·76	444·51	445 29	445 42			
2			450·39	449·99	445·68		444·51	445·19				
3				449·89	445·68	444·84	444·59	445·19	445·34			
4			449·89	449·79	445·59	444·76	444·59		445·42			
5			450·09	449·69		444·76	444·67	445·34	445·51			
6			450·39	449·69	445·43	444·67	444·67	445·34	445·59			
7			450·69	449·19	445·43	444·67		445·26	445·67			
8			450·69		445·34	444·67	444·76	445·26	445·76			
9			450·79	448·99	445·34		444·67	445·34				
10				448·89	445·26	444·67	444·76	445·42	445·76			
11			450·89	448·69	445·26	444·59	444·84		445 93			
12			450·99	448·39		444·59	444·93	445·34	446·01			
13			451·09	448·29	445·17	444·51	445·01	445·26	446·01			
14		450·69	451·19	448·09	445·17	444·51		445·17	446·09			
15		450·79	451·29		445·09	444·43	444·93	445·17	446·17			
16		450·69	451·39	447·39	445·09		445·01	445·26				
17		450·99		447·39	445·01	444·43	445·09	445·26	446·26			
18		451·19	451·59	447·29	444·93	444·43	445·09		446·26			
19		451·29	451·69	447·19		444·43	445·17	445·17	446·34			
20			451·79	446·99	444·84	444·51	445·17	445·17	446·34			
21		451·19	451·89	446·79	444·84	444·51		445·26	446·43			
22		451·09	451·89		444·76	444·59	445·26	445·26	446·51			
23		450·99	451·99	446·51	444·76		445·26	445·34				
24		450·89		446·43	444·76	444·67	445·34	445·42				
25		450·69	450·39	446·36	444·59	444·59	445·34					
26		450·59	450·29	446·09		444·51	445·43	445·51				
27			450·29	446·01	444·59	444·51	445·43	445·51				
28		450·49	450·19	445·93	444·59	444·43		445·59				
29		450·49	450·09		444·51	444·43	445·29	445·51				
30		450·39	449·99	445·84	444·59		445·39	445·51				
31		450·39		445·76	444·76		445·39					

Elevations above M.S.L. of Du Moine River 1 mile from mouth, for 1908.

TABLE No. 110.

1			456·99	451·69								
2			456·39	451·79								
3			456·09	451·59								
4			455·79									
5			455·69									
6			455·59									
7												
8			455·29									
9			454·89									
10			454·69									
11			454·59									
12			454·39									
13			454·29									
14												
15			454·09									
16			453·89									
17			453·79									
18		456·19	452·59									
19		456·29	452·49									
20		456·29	452·39									
21		456·19										
22		456·19	452·49									
23		456·09	452·59									
24			452·69									
25		455·89	452·59									
26		455·79	452·39									
27		455·69	452·29									
28		455 59										
29		455·49	451·89									
30		456·09	451·79									
31												

Elevations above M.S.L. of Du Moine River 1 mile from mouth, for 1913–14.

TABLE No. 111.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	450·89	.....	447·49	445·39	444·69	444·29	445·39	447·59	447·59	.....	.....
2	.....	450·79	448·79	447·39	445 29	444·59	444·29	445·99	447·49	447·49	446·69	445·89
3	.....	450·79	448·69	447·19	.....	444·49	444·19	445·79	447·29	447·39	446·69	445·79
4	.....	.....	448·59	447·09	445·29	444·39	444·19	445·69	447·59	.....	446·59	445·79
5	.....	450·69	448·59	446·99	445·19	444·39	.....	445·69	447·69	447·99	446·59	445·69
6	.....	450·59	448·49	.....	445·19	444·29	444·09	445·79	447·59	448·09	446·49	445·69
7	.....	450·39	448·39	446·79	445·09	.....	444·09	445·79	.....	448·29	446·49	445·69
8	.....	450·29	.....	446·69	444·99	444·29	444·09	445·69	447·49	448·49	.....	.....
9	.....	450·19	448·29	446·49	444·89	444·19	443·99	.....	447·29	448·59	446·39	445·89
10	.....	450·19	448·19	446·49	.....	444·19	443·99	446·59	447·19	448·69	446·39	445·99
11	.....	.....	448·29	446·49	444·89	444·09	443·89	447·29	447·19	.....	446·39	445·99
12	.....	449·99	448·39	446·49	444·79	444·09	.....	447·69	447·29	448·79	446·29	445·89
13	.....	449·99	448·49	.....	444·79	443·99	444·19	447·89	447·19	448·49	446·29	445·89
14	.....	449·79	448·49	446·39	444·69	.....	444·29	448·09	.....	448·39	446·29	445·79
15	.....	449·59	.....	446·29	444·59	443·99	444·39	448·29	446·99	448·39	.....	.....
16	.....	449·39	448·29	446·29	444·59	443·89	444·29	.....	446·89	448·39	446·19	445·69
17	.....	449·29	448·19	446·29	.....	443·89	444·39	447·59	446·99	448·29	446·19	445·69
18	.....	.....	448·09	446·19	444·49	443·89	444·39	447·29	447·09	448·29	446·19	445·69
19	.....	449·09	447·89	446·19	444·39	443·79	.....	446·99	446·99	448·19	446·09	445·59
20	.....	449·09	447·79	.....	444·39	443·79	444·49	447·29	446·89	448·19	446·09	445·59
21	450·39	449·19	447·69	446·09	444·29	.....	444·59	447·29	.....	448·09	446·09	445·59
22	450·29	449·39	.....	446·09	444·29	444·19	444·79	446·99	447·19	448·09	.....	.....
23	450·59	449·59	447·69	445·99	444·29	444·29	444·89	.....	447·09	448·09	.....	445·49
24	450·89	449·79	447·69	445·99	.....	444·29	445·29	448·09	447 19	447 99	.....	445·49
25	451·09	.....	447·59	445·89	444·69	444·39	445 39	448·29	447·29	.....	.....	445·49
26	451·29	449·69	447·69	445·89	444·79	444·39	.....	447·99	447·19	447·89	.....	445·59
27	.....	449·49	447·69	.....	444·89	444·49	445·59	447·89	447·09	447·89	.....	445·59
28	451·39	449·29	447·59	445·69	444·89	.....	445·69	447·59	.....	447·79	.....	445·59
29	451·09	449·19	.....	445·59	444·99	444·29	445·79	447·29	447·29	446·89	.....	.....
30	450·99	449 09	447·59	445·49	444·99	444·39	445·89	446·79	447·49	446 99	.....	445 59
31	.....	448·99	.....	445·39	.....	.....	445·99	.....	447·39	446·99	.....	445·69

Elevations above M.S.L. of Du Moine River 1 mile from mouth, for 1914–15

TABLE No. 112.

1	445·79	449·49	448·89	446·89	444·19	443·29	443·09	.....	444·39	445·09	444·89	444·99
2	445·79	449·39	448·29	446·99	.....	443·29	443·19	443·39	444·49	444·99	444·89	444·99
3	445·69	.....	448·19	446·89	444·09	443·39	443·19	443·39	444·49	.....	445·09	444·99
4	445 69	449·39	448·29	446·79	444·09	443·39	.....	443·49	444·59	444·89	445·09	444·89
5	.....	449·39	448·29	.....	443·99	443·49	443 09	443·49	444 59	444·89	444·99	444·89
6	445·59	449·59	447·99	.....	443·99	.....	442·99	443·59	.....	444·89	444·99	444·89
7	445·59	449·69	.....	.....	443·89	443·39	442·99	443·59	444·89	444·89	.....	.....
8	445·59	449·89	447·89	.....	443·89	443·39	442·89	.....	444·99	444·99	445·09	444·89
9	445 69	449·99	447·99	.....	.....	443·39	442·99	443·69	445·89	444·99	445·19	444·79
10	445·69	.....	447·99	.....	443·69	443·29	442·99	443·79	446·19	.....	445·19	444·79
11	445·69	449·59	448·09	.....	443·69	443·29	.....	443·79	446·39	444·99	445·09	444·79
12	.....	449·39	448·09	.....	443·59	443·19	443·39	443·69	446·29	444·99	445·09	444·79
13	445·49	449·29	448·29	.....	443·59	.....	443·59	443·69	.....	444·99	444·99	444·79
14	445·39	449·19	.....	.....	443·69	443·19	443·69	443·59	446·39	444·89	.....	.....
15	445·39	449 19	448·49	.....	443·69	443·29	443·69	.....	446·39	444·89	444·99	444·69
16	445·39	449·09	448·59	.....	.....	443·29	443·79	444·19	446·49	444·89	444·99	444·69
17	445·49	.....	448·39	.....	443·69	443·29	443·79	444·39	446 49	.....	444 99	444·69
18	445·49	448·89	448·19	.....	443·69	443·29	.....	444·49	446·59	444·99	444·89	444·69
19	.....	448·79	447·99	.....	443·59	443·19	444·59	444·59	446·59	444·99	444·89	444·69
20	446·39	447·89	447·99	.....	443·59	.....	443·49	444·69	.....	445·99	444·89	444·69
21	446·59	447·99	.....	.....	443·49	443·09	443·49	444·59	446·29	445·09	.....	.....
22	446·79	447·99	447·59	.....	443·39	443·09	443·39	.....	445·99	444·99	444·89	444·69
23	446·99	447·89	447·29	.....	.....	442·99	443·39	444·69	445·79	444 99	444 89	444 69
24	447·19	.....	447·09	.....	443·49	442·99	443·29	444·79	445·59	.....	444·89	444·79
25	447·29	448·29	446·99	.....	443·49	442·79	.....	444·59	445·29	444·99	444·99	444·79
26	.....	447·79	446·89	.....	443·39	442·69	443·19	444·49	444·99	444·99	445·09	444·69
27	448·29	448·79	446·79	444·59	443·39	.....	443·19	444·39	.....	445·09	445·09	444·69
28	448·99	448·89	.....	444·49	443·29	442·89	443 29	444·29	445·29	445·09	.....	.....
29	449·29	448·89	447·29	444 39	443·19	442·99	443·29	.....	445·19	444·99	.....	441·59
30	449·49	448·99	447·19	444·29	.....	442·99	443·39	444·39	445·19	444·99	.....	444·59
31	.....	.....	.....	444·29	443·29	.....	443·39	.....	445·09	.....	.....	444·59

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1905.

TABLE No. 113.

April.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	439·24	439·94	440·04	439·74	438·54	.....	438·59	.....	.....	.....	.....
2	.....	439·24	439·89	.....	439·69	438·59	437·99	438·59	.....	.....	.....	.....
3	.....	439·24	439·84	440·09	439·64	.....	437·94	438·59	.....	.....	.....	.....
4	.....	439·24	.....	440·14	439·54	438·24	437·94	438·59	.....	.....	.....	.....
5	441·04	439·39	439·89	440·14	439·29	438·29	437·94	.....	.....	.....	.....	.....
6	441·24	439·54	439·99	440·09	.....	438·34	437·89	438·59	.....	.....	.....	.....
7	441·44	.....	440·14	440·04	439·29	438·29	437·84	438·64	.....	.....	.....	.....
8	441·44	439·64	440·19	440·44	439·24	438·29	.....	438·64	.....	.....	.....	.....
9	.....	439 74	440·24	.....	439·24	438·29	437·79	438·64	.....	.....	.....	.....
10	439·74	439·79	440·29	440·04	439·24	.....	437·79	438·64	.....	.....	.....	.....
11	439·74	439·84	.....	439·94	439·19	438·29	437·79	438·64	.....	.....	.....	.....
12	439·74	440·04	440·24	439·74	439·19	438·34	437·74	438·59	.....	.....	.....	.....
13	439·75	440·04	440·24	439·79	.....	438·34	437·74	438·59	.....	.....	.....	.....
14	439·79	.....	440·34	439·84	438·99	438·29	437·74	438·54	.....	.....	.....	.....
15	439·74	440·09	440·49	439·89	438·89	438·29	.....	438·54	.....	.....	.....	.....
16	.....	440·14	440·64	.....	438·84	438·34	437·84	.....	.....	.....	.....	.....
17	439·64	440·19	440·69	439·84	438·79	.....	437·89	.....	.....	.....	.....	.....
18	439·64	440·24	.....	439·79	438·74	438·39	438·04	.....	.....	.....	.....	.....
19	439·59	440·29	440·64	439·74	438·69	438·39	438·19	.....	.....	.....	.....	.....
20	439·54	440·39	440·64	439·74	.....	438·39	438·31	.....	.....	.....	.....	.....
21	439·49	.....	440·44	439·69	438·64	438·39	438·44	.....	.....	.....	.....	.....
22	439·34	440·64	440·24	439·64	438·59	438·39	.....	.....	.....	.....	.....	.....
23	.....	440·59	440·14	.....	438·54	438·44	438·49	.....	.....	.....	.....	.....
24	439·34	440·54	440·04	439·64	438·49	.....	438·49	.....	.....	.....	.....	.....
25	439·34	440·34	.....	439·74	438·44	438·29	438·49	.....	.....	.....	.....	.....
26	439·24	440·34	440·04	439·79	438·39	438·29	438·54	.....	.....	.....	.....	.....
27	439·24	440·34	440·14	439·84	.....	438·24	438·59	.....	.....	.....	.....	.....
28	439·24	.....	440·14	439·84	438·39	438·19	438·59	.....	.....	.....	.....	.....
29	439·24	440·24	440·04	439·94	438·39	438·14	.....	.....	.....	.....	.....	.....
30	.....	440·19	440·04	.....	438·44	438·04	.....	.....	.....	.....	.....	.....
31	.....	439·99	.....	439·94	438·49	.....	438·59	.....	.....	.....	.....	.....

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1908.

TABLE No. 114.

1	.....	.....	441·09	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	441·04	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	440·94	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	441·49	440·84	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	441·49	440·84	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	441·44	440·84	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	441·49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	441·84	440·84	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	442·49	440·74	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	440·64	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	442·54	440·34	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	442·74	440·44	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	442·74	440·44	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	442·59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	442·59	440·54	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	442·59	440·64	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	440·54	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	442·49	440·54	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	442·49	440·54	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	442·24	440·44	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	441·94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	441·59	440·34	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	441·44	440·34	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	440·21	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	441·34	440·04	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	441·14	439·84	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	441·04	439·51	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	440·94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	440·91	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	440·94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1909–10.

TABLE No. 115.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	441·34	440·34	.....	439·34	439·24	438·79	438·94	.....	438·21	438·11
2	.....	.....	441·24	440·34	440·84	439·49	434·24	438·74	439·04	.....	438·21	438·11
3	.....	440·69	441·04	440·34	440·64	439·49	.....	438·71	438·94	.....	438·21	438·11
4	.....	440·59	440·84	.....	440·44	439·51	439·19	438·69	438·84	438·11	438·21	438·11
5	.....	440·64	440·74	440·24	440·34	.....	439·19	438·69	.....	438·11	438·31	438·11
6	.....	440·69	.....	440·24	440·24	439·49	439·14	438·69	438·74	438·01	438·31	438·11
7	.....	440·84	440·44	440·19	440·09	439·34	439·14	.....	438·74	438·01	438·31	438·11
8	.....	440·99	440·34	440·19	.....	439·34	439·14	438·64	438·64	438·11	438·31	438·11
9	.....	.....	440·34	440·14	.....	439·34	439·09	438·64	438·64	438·11	438·31	438·11
10	.....	441·34	440·24	440·14	.....	439·49	.....	438·64	438·59	438·11	438·31	438·21
11	.....	441·44	440·14	.....	.....	439·49	439·04	438·69	438·54	438·11	438·31	438·21
12	.....	442·64	440·14	440·04	.....	.....	439·04	438·74	.....	438·11	438·31	438·21
13	.....	442·69	.....	440·04	.....	439·49	439·04	438·79	438·54	438·11	438·31	438·21
14	.....	442·64	440·04	440·04	.....	439·49	439·04	.....	438·54	438·11	438·31	438·21
15	.....	442·72	440·04	439·99	.....	439·34	438·99	438·84	438·49	438·11	438·31	438·21
16	.....	.....	440·09	439·99	.....	439·34	438·99	438·89	438·49	438·11	438·41	438·21
17	.....	443·44	440·09	439·94	.....	439·34	.....	438·94	438·44	438·11	438·41	438·21
18	.....	443·49	440·24	.....	.....	439·34	438·94	438·94	438·44	438·11	438·41	438·11
19	.....	443·34	440·44	440·04	.....	.....	438·94	439·04	.....	438·11	438·41	438·21
20	440·64	443·29	.....	440·14	.....	439·34	438·94	439 04	.....	438·11	438·41	438·21
21	440·69	443·24	440·54	440·14	.....	439·34	438·89	.....	.....	438·21	438·41	438·41
22	440·69	443·24	440·54	440·24	.....	439·49	438·89	438·94	.....	438·31	438·41	438·51
23	440·94	.....	440·54	440·24	439·59	439·34	438·89	439·04	.....	438·31	438·31	438·61
24	441·04	442·74	440·54	440·44	439·59	439·34	.....	439·04	.....	438·21	438·31	439·11
25	.....	442 24	440·44	.....	439·54	439·34	438·84	439·04	.....	438·21	438·21	439·11
26	440·94	441·74	440·34	441·34	439·54	.....	438·84	438·94	.....	438·21	438·21	439·31
27	440·89	441·64	.....	441·44	439·49	439·34	438·84	438·94	.....	438·21	438·21	439·61
28	440·84	441·84	440·34	441·44	439·44	439·24	438·84	.....	.....	438·21	438·11	440·11
29	.....	441·69	440·44	441·14	.....	439·34	438·81	438·94	.....	438·21	.....	440·31
30	.....	.....	440·44	440·94	439·34	439·29	438·79	438·94	.....	438·21	.....	440·51
31	.....	441·54	.....	440·84	439·34	.....	.....	.....	.....	438·21	.....	440·81

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1910–11.

TABLE No. 116.

1	440·34	440·14	440·84	439·84	438·51	438·51	437·41	437·41	437·61	437·50	437·30	437·40
2	440·34	440·24	440·84	439·84	438·51	438·31	437·41	437·41	437·71	437·50	437·30	437·40
3	440·24	440·24	440·74	439·74	438·41	438·31	437·51	437·51	437·61	437·40	437·40	437·40
4	440·24	440·24	440·74	439·64	438·51	438·41	437·51	437·41	437·61	437·40	437·30	437·30
5	440·34	440·24	440·94	439·64	438·41	438·31	437·51	437·41	437·51	437·40	437·30	437·30
6	440·34	440·14	440·84	439·64	438·41	438·21	437·51	437·41	437·51	437·40	437·30	437·30
7	440·44	440·14	440·84	439·54	438·31	438·21	437·51	437·41	437·41	437·40	437·30	437·30
8	440·34	440·14	440·84	439·54	438·31	438·01	437·51	437·41	437·41	437·40	437·40	437·20
9	440·34	440·04	440·44	439·44	438·31	437·91	437·51	437·51	437·51	437·50	437·40	437·30
10	440·24	440·04	440·44	439·34	438·31	437·91	437·51	437·51	437·41	437·50	437·40	437·20
11	440·24	440·04	440·44	439·34	438·21	437·81	437·51	437·41	437·41	437·60	437·40	437·20
12	440·14	439·94	440·84	439·34	438·21	437·81	437·51	437·51	437·41	437·60	437·40	437·20
13	440·24	439·94	440·84	439·14	438·11	437·61	437·51	437·51	437·51	437·70	437·30	437·20
14	440·34	440·04	440·84	439·14	438·21	437·61	437·51	437·51	437·51	437·60	437·30	437·30
15	440·34	440·04	440·84	439·14	438·21	437·51	437·51	437·51	437·51	437·60	437·30	437·30
16	440·24	439·94	440·84	439·14	438·11	437·51	437·51	437·61	437·51	437·50	437·30	437·20
17	440·24	439·84	440·74	439·04	438·11	437·51	437·51	437·61	437·51	437·50	437·30	437·30
18	440·24	439·84	440·24	439·04	438·21	437·41	437·61	437·71	437·61	437·40	437·30	437·30
19	440·34	439·74	440·44	439·14	438·31	437·51	437·61	437·61	437·61	437·50	437·30	437·30
20	440·34	439·84	440·64	439·04	438·41	437·41	437·51	437·61	437·61	437·50	437·30	437·30
21	440·14	439·74	440·74	439·14	438·51	437·31	437·51	437·61	437·61	437·50	437·30	437·40
22	440·14	439·61	440·64	438·94	438·71	437·31	437·51	437·61	437·71	437·50	437·30	437·30
23	440·24	439·64	440·64	438·84	438·71	437·31	437·51	437·61	437·71	437·50	437·40	437·40
24	440·14	439·64	440·64	438·64	438·61	437·41	437·51	437·61	437·61	437·50	437·40	437·40
25	440·14	439·74	440·54	438·64	438·61	437·31	437·41	437·71	437·61	437·60	437·40	437·40
26	440·14	439·84	440·54	438·54	438·91	437·31	437·51	437·71	437·51	437·70	437·40	437·40
27	440·14	440·24	440·34	438·54	438·61	437·31	437·41	437·61	437·51	437·60	437·40	437·50
28	440·14	440·44	440·14	438·44	438·61	437·31	437·41	437·51	437·51	437·50	437·50	437·50
29	440·14	440·84	440·14	438·44	438·51	437·41	437·41	437·51	437·51	437·50	. .	437·60
30	440·14	440·84	440·04	438·44	438·51	437·31	437·41	437·61	437·51	437·40	. .	437·70
31	. . .	440·74	. . .	438·44	438·51	. .	437·41	.	437·51	437·40	. .	437·70

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1911–12.

TABLE No. 117.

Day.	April	May.	June.	July.	Aug.	Sept.	Oct..	Nov.	Dec.	Janv.	Feb.	March.
1	437·60	439·80	440·00	439·80	440·10	439·20	439·30	438·10	438·00	438·00	438·20	437·90
2	437·60	440·00	439·90	439·80	440·10	439·20	439·20	438·00	438·00	438·00	438·30	437·90
3	437·60	440·20	439·90	439·90	440·20	439·10	438·80	438·10	438·00	438·10	438·50	437·90
4	437·60	440·20	439·90	440·10	440·10	439·10	438·90	438·00	437·90	438·00	438·20	437·90
5	437·70	440·50	439·90	440·10	440·10	439·10	439·50	438·00	437·80	438·10	438·20	437·80
6	437·70	440·60	440·00	440·30	440·00	439·10	438·80	438·00	437·80	438·10	438·10	437·90
7	437·80	440·70	439·90	440·30	440·00	439·00	438·60	438·10	437·90	438·20	438·10	437·80
8	437·90	440·70	493·90	440·30	440·00	439·10	439·10	438·00	437·90	438·20	438·20	437·80
9	437·80	440·60	439·80	440·30	440·10	439·00	438·80	437·90	437·80	438·30	438·10	437·80
10	437·80	440·50	439·80	440·10	440·20	438·90	438·60	437·90	437·90	438·20	438·10	437·90
11	438·00	440·50	439·80	439·80	439·90	438·90	438·90	437·90	437·90	438·20	438·10	437·90
12	438·10	440·60	439·90	439·90	439·90	439·00	439·10	438·00	437·90	438·10	438·10	438·00
13	438·30	440·60	439·90	440·00	439·80	439·30	438·80	437·90	438·00	438·10	438·00	437·90
14	438·60	440·50	440·00	440·00	439·80	439·30	438·60	437·90	438·00	438·10	438·00	437·90
15	439·10	440·50	440·00	440·10	439·60	439·00	438·50	437·90	438·00	438·00	437·90	438·00
16	439·40	440·40	440·10	440·10	439·60	438·90	438·60	438·00	437·90	438·00	438·00	438·00
17	439·60	440·40	440·10	440·20	439·50	438·90	438·90	438·00	437·90	438·10	437·90	438·00
18	439·80	440·40	440·10	440·20	439·60	438·90	438·50	437·90	437·90	438·10	437·90	438·00
19	439·80	440·30	440·20	440·40	439·80	439·00	438·50	437·90	437·90	438·20	437·90	437·90
20	439·90	440·30	440·40	440·90	439·60	438·90	438·60	437·90	437·80	438·10	438·00	437·90
21	440·00	440·40	440·50	440·60	439·50	438·80	438·40	437·90	437·80	438·10	437·90	438·00
22	439·90	440·30	440·60	440·30	439·30	437·10	438·40	438·00	437·90	438·20	437·90	438·00
23	439·90	440·30	440·10	440·30	439·30	437·10	438·60	438·00	437·80	438·20	437·90	437·90
24	439·90	440 20	440·10	440·30	439·30	436·90	438·40	438·00	437·80	438·30	437·90	437·90
25	439·80	440·20	440·00	440·40	439·20	439·30	438·40	437·90	437·80	438·30	437·90	438·00
26	439·80	440·10	439·90	440·20	439·20	439·30	438·50	437·90	437·90	438·20	438·00	438·00
27	439·70	440·10	439·80	440·20	439·20	440·50	438·40	437·80	437·90	438·20	438·00	438·10
28	439·70	440·10	439·60	440·20	439·50	439·30	438·30	437·80	438·00	438·20	438·00	438·10
29	439·80	440·00	439·60	440·20	439·50	438·80	438·30	437·90	438·00	438·10	437·90	438·00
30	439·80	440·10	439·70	440·20	439·50	439·10	438·10	437·90	438·10	438·10	.....	438·10
31	.....	440·00	.....	440·10	439·30	.....	438·10	.....	438·00	438·20	.....	438·20

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1912–13.

TABLE No. 118.

1	438·21	440·51	441·61	441·31	440·91	440·61	439·81	439·71	439·81	439·71	439·41	439·11
2	438·31	440·41	441·71	441·11	441·01	440·61	439·91	439·61	439·81	439·61	439·31	439·21
3	438·51	440·31	441·61	441·11	441·01	440·61	439·91	439·71	439·91	439·61	439·41	439·21
4	438·61	440·51	441·61	441·21	440·91	440·41	439·91	439·71	439·91	439·71	439·31	439·11
5	438·81	440·41	441·51	441·11	441·01	440·31	439·91	439·61	439·81	439·61	439·31	439·11
6	439·11	440·31	441·51	440·91	441·11	440·41	439·91	439·71	439·81	439·51	439·21	439·21
7	439·21	440·11	441·61	441·11	441·11	440·31	439·81	439·71	439·71	439·51	439·21	439·11
8	439·41	440·31	441·51	441·31	441·01	440·31	439·81	439·81	439·71	439·61	439·31	439·11
9	439·71	440·11	441·41	441·51	440·91	440·21	439·81	439·81	439·81	439·51	439·21	439·21
10	440·11	440·01	441·41	441·61	440·91	440·21	439·81	439·71	439·71	439·51	439·21	439·11
11	440·41	439·81	441·61	441·11	440·81	440·21	439·91	439·61	439·71	439·61	439·11	439·21
12	440·61	439·91	441·61	440·91	440·91	440·11	439·91	438·61	439·61	439·61	439·11	439·31
13	440·71	440·11	441·51	440·91	440·91	440·21	439·81	439·51	439·61	439·71	439·21	439·41
14	440·81	440·11	441·51	440·81	440·81	440·11	439·81	439·51	439·71	439·71	439·11	439·41
15	440·91	440·01	441·91	440·91	440·81	440·01	439·91	439·61	439·71	439·81	439·11	439·61
16	441·01	440·21	441·61	440·91	440·91	439·91	439·81	439·51	439·81	439·91	439·11	439·51
17	440·91	440·11	441·51	440·81	440·91	440·01	439·81	439·61	439·81	439·91	439·21	439·61
18	440·91	440·11	441·51	440·81	440·91	439·91	439·91	439·61	439·81	439·81	439·11	439·71
19	440·81	440·21	441·41	440·61	440·81	439·91	440·01	439·81	439·91	439·91	439·21	439·91
20	440·61	440·11	441·21	440·61	440·81	440·01	440·01	440·01	440·01	439·81	439·21	439·81
21	440·51	440·11	441·31	440·91	440·61	439·91	440·21	440·11	439·91	439·81	439·21	440·01
22	440·61	440·11	441·21	440·91	440·61	439·91	440·11	440 31	440·01	439·71	439 11	440·21
23	440·61	441·71	441·11	440·91	440·71	440·01	440·01	440·11	439·81	439·71	439·11	440·51
24	440·71	442·21	441·51	440·71	441·31	440·01	439·91	440·01	439·81	439·61	439·11	440·41
25	440·91	442·01	441·61	440·71	441·31	439·91	439·91	439·81	439·71	439·51	439·21	440·71
26	440·71	442·01	441·81	440·91	441·21	439·91	439·81	439·81	439·71	439·51	439·21	440·91
27	440·61	442·01	441·51	440·91	441·11	439·81	439·81	439·71	439·81	439·61	439·11	441·11
28	440·71	441 91	441·61	441·01	441·11	439·81	439·71	439·71	349·71	439·51	439·11	440·91
29	440·61	442·01	441·31	440·91	440·91	439·81	439·81	439·81	439·71	439·41	.....	440·91
30	440·41	441·91	441·31	440·91	440·81	439·91	439·81	439·71	439·71	439·41	.....	440·71
31	.....	441·81	.....	440·91	440·81	.....	439·91	.....	439·71	439·31	.....	440·81

Elevations above M.S.L. of Petawawa Rlver near Petawawa Highway Bridge for 1913–14.

TABLE No. 119.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	417·92	416·22	416·02	415·32	413·42	412·72	412·92	414·12	414·22	414·72	415·02
2	417·52	417·92	416·12	415·92	415·22	413·42	412·62	412·92	414·12	414·22	414·72	415·12
3	417·52	417·82	416·12	416·02	415·12	413·42	412·62	412·92	414·12	414·22	414·62	415·02
4	417·62	417·82	416·12	416·02	415·02	413·42	412·62	412·92	414·12	414·22	414·62	415·22
5	417·82	417·62	416 02	416 02	415·02	413·42	412·62	412·92	414·12	414·22	414·52	415·12
6	417·92	417·52	416·12	415·92	415·02	413·42	412·52	412·92	414·12	414·22	414·52	415·02
7	417·92	417·32	416·12	415·92	415·02	413·32	412·52	412·92	414·12	414·22	414·42	415·12
8	418·02	417·32	416·12	415·62	415·02	413·32	412·52	412·92	414·12	414·22	414·52	415·22
9	418·02	417·22	416·02	415·32	415·02	413·22	412·52	412·82	414·12	414·22	414·62	415·22
10	418·02	417·22	416·02	415·72	414·92	413·22	412·52	412·82	414·12	414·22	414·82	415·22
11	418·02	417 12	415·92	415·32	414·82	413·12	412·52	412·82	414·12	414·22	414·92	415·12
12	418·22	417·02	416·02	415·32	414·62	413 12	412·52	412·82	414·22	414·22	415·02	415·32
13	418·42	416·92	416·02	415·32	414·52	413·02	412·52	412·82	414·22	414·22	415·12	415·32
14	418·42	416·82	416·12	416·02	414·32	413·02	412·52	412·82	414·22	414·22	415·32	415·22
15	418·42	416·72	415·92	416·32	414·22	412·92	412·52	412·82	414·22	414·22	415·42	415·22
16	418·52	416·62	415·82	416·32	414·22	412·82	412·52	412·92	414·22	414·22	415·52	415·32
17	418·42	416·52	415·62	416·32	414·12	412·82	412·52	413·12	414·22	414·22	415·62	415·32
18	418·32	416·42	415·52	416·12	413·72	412·92	412·52	413·32	414·22	414·22	415·72	415·22
19	418·42	416·42	415·32	416·02	413·62	412·92	412·52	413·52	414·22	414·22	415·82	415·22
20	418·32	416·42	415·22	416·02	413·52	412·92	412·52	413·62	414·22	414·22	415·72	415·32
21	418·32	416·32	416·12	415·82	413·52	412·92	412·52	413·82	414·22	414·22	415·72	415·22
22	418·32	416·32	415·92	415·72	413·42	412·82	412·52	414·02	414·22	414·22	415·72	415·32
23	418·32	416·22	415·62	415·82	413·32	412·82	412·52	414·12	414·22	414·22	415·72	415·22
24	418·32	416·32	415·62	415·72	413·32	412·82	412·52	414·12	414·22	414·22	415·62	415·02
25	418·32	416·32	415·62	415·62	413·42	412·82	412·52	414·12	414·22	414·32	415·52	414·92
26	418·22	416·52	415·72	415·62	413·42	412·72	412·62	414·12	414·22	414·42	415·22	414·82
27	418·12	416·42	416·02	415·62	413·52	412·72	412·72	414·12	414·22	414·52	415·12	414·62
28	418·22	416·52	416·12	415·52	413·42	412·72	412·82	414·12	414·22	414·72	415·22	414·42
29	418·02	416·42	416·02	415·52	413·42	412·72	412·82	414·12	414·22	414·72	.....	414·32
30	417·92	416·42	416·02	415·42	413·42	412·72	412·92	414·12	414·22	414·82	.....	414·22
31	.....	416·32	.....	415·32	413·42	.....	412·92	.....	414·22	414·82	.....	414·12

Elevations above M S.L. of Petawawa River at Petawawa Highway Bridge, for 1914–15.

TABLE No. 120.

1	414·02	416·92	415·12	415·52	415·12	414·02	413·62	413·52	413·82	414·22	413·62	413·72
2	414·02	416·92	415·12	415·52	415·32	414·02	413·62	413·42	413·92	414·12	413·72	413·72
3	414·12	417·02	415·12	415·62	415·42	414·02	413·52	413·52	414·02	414·02	413·72	413·72
4	414·22	417·12	415·22	415·62	415·52	413·92	413·52	413·62	414·02	414·02	413·72	413·72
5	414·22	417·02	415·22	415·72	415·52	413·92	413·52	413·62	414·02	413·92	413·62	413·82
6	414·22	416·92	415·22	415·72	415·42	414·02	413·42	413·62	414·02	414·42	413·62	413·82
7	414·22	416·82	415·22	416·12	415·42	414·12	413·42	413·62	414·22	414·22	413·72	413·82
8	414 12	416·82	415·12	416·42	415·32	414·22	413·42	413·52	414·32	414·12	413·82	413·72
9	414·12	416·82	415·12	416·52	415·22	414·22	414·52	413·52	414·52	414·02	413·92	413·62
10	414·12	416·72	415·02	416·62	415 52	414·22	413·72	413·52	414·52	413·92	413·92	413·52
11	414·12	416·72	415·02	416·22	415·52	414·12	413·72	413·62	414·32	413·82	413·92	413·42
12	414·22	416·62	415·12	416·22	415·32	414·02	413·62	413·52	414·22	413·82	413·82	413·52
13	414·22	416·52	415·22	416·32	415·22	414·22	413·62	413·52	414·12	413·82	413·72	413·52
14	414·22	416·42	415·22	416·32	415·22	414·42	413·62	413·52	414·02	413·72	413·72	413·62
15	414·32	416·32	415·22	416·32	415·22	414·52	413·62	413·52	413·92	413·72	413·82	413·62
16	414·32	416·12	415·22	416·32	415·22	414·52	413·62	413·62	413·92	413·72	413·82	413·62
17	414·42	415·92	415·22	416·22	415·22	414·52	413·62	413·72	413·92	413·62	413·82	413·62
18	414·52	415·92	415·22	416·22	415·02	414·42	413·52	413·72	413·82	413·52	413·92	413·52
19	414·92	415·92	415·22	416·12	414·82	414·32	413·52	413·62	413·82	413·52	413·82	413·52
20	415 62	415 92	415·22	416·12	415 02	414·42	413·52	413·62	413·92	413·62	413·72	413·42
21	415·92	415·92	415·22	416·02	414·92	414·32	413·52	413·62	414·02	413·62	413·72	413·42
22	416·02	415·92	415·22	416·02	414·72	414·32	413·52	413·72	413·92	413·62	413·72	413·42
23	416·12	415·92	415·12	415·92	414·72	414·32	413·52	413·82	413·82	413·52	413·82	413·52
24	416·02	415·92	415·22	415·82	414·72	414·22	413·52	413·92	413·92	413·62	413·92	413·52
25	415·92	415·82	415·22	415·82	414·62	414·22	413·42	413·92	414·02	413·62	413·92	413·52
26	415·92	415·72	415·22	415·72	414·52	414·22	413·32	413·92	414·02	413·72	413·92	413·62
27	415·92	415·62	415·12	415·72	414·22	414·12	413·32	413·82	413·92	413·72	413·82	413·62
28	415·92	415·52	415·12	415·62	414·22	414·02	413·52	413·72	413·92	413·62	413·82	413·52
29	415·92	415·42	415·32	415·22	414·02	413·82	413·52	413·82	414·02	413·62	.....	413·62
30	416·42	415·32	415·42	414·92	414·12	413·72	413·52	413·82	414·12	413·62	.....	413·62
31	.....	415·22	.....	414·82	414·12	.....	413·52	.....	414·12	413·72	.....	413·62

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Pembroke, for 1905.

TABLE No. 121.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												
2												
3												364·63
4												
5												
6												
7												364·49
8												
9												
10												364·44
11												
12												
13												
14											364·68	364·40
15												
16												
17											364·67	364·38
18												
19												
20												
21											364·64	364·36
22												
23												
24											364·63	
25												364·36
26												
27												
28											364·67	364·43
29												
30												
31												364·88

Elevations above M.S.L of Ottawa River at Pembroke, for 1905–06.

TABLE No. 122.

1		366·68	367·98	366·68	366·33	365·48		365·58	365·58	365·23	365·38	
2		366·68	368·13		366·33	365·50	365·40	365·48	365·58	365·23	365·53	
3		366·93	368·03	366·50	366·33		365·38	365·68		365·23	365·53	
4	365·63	367·08		366·38	366·18	365·63	365·38	365·58	365·58	365·23		
5	365·78	367·23	367·98	366·38	366·08	365·63	365·48		365·53	365·23		
6	365·96	367·37	367·98	366·38		365·68	365·38	365·58	365·53	365·23		
7	366·08		367·98	366·33	366·08	365·73	365·33	365·58	365·58			
8	366·13	367·63	367·98	366·36	366·08	365·68		365·58	365·53	365·23		
9		367·88	367·98		365·98	365·68	365·38	365·58	365·56	365·18		
10	366·13	367·93	367·88	366·36	365·93		365·43	365·58		365·18		
11	366·13	368·03		366·33	365·88	365·73	365 33	365·58	365·68	365·13		
12	366·13	368·08	367·88	366·33	365·88	365·58	365·38		365·58	365·13		
13	366·33	368·18	367·83	366·28		365·68	365·38	365·58	365·48	365·13		
14	366·33		367·88	366·28	365·86	365·58	365·48	365·58	365·38			
15	366·38	368·27	367·88	366·23	365·68	365·68		365·58	365·38	365·18		
16		368·27	367·88		365·58	365·68	365·48	365·63	365·38	365·18		
17	366·38	368·28	367·83	366·28	365·53		365·48	365·58		365·13		
18	366·38	368·48		366·28	365·58	365·73	365·38	365·58	365·38	365·13		
19	366·38	368·58	367·63	366·33	365·38	365·68	365·38		365·33	365·13		
20	366·28	368·68	367·63	366·23		365·78	365·38	365·58	365·33	365·13		
21	366·13		367·36	366·18	365·48	365·68	365·28	365·58	365·28			
22	366·16	368·58	367·28	366·18	365·68	365·58		365·56	365·23			
23		368·54	367·28		365·88	365·58	365·73	365·58	365·23			
24	366·13	368·38	367·18	366·28	366·08		365·88	365·58		365·18		
25	366·18	368·28		366·38	365·88	365·68	365·73	365·58	365·23	365·16		
26	366·13	368·38	367·33	366·33	365·86	365·39	365·68		365·23	365·16		
27	366·13	368·33	367·13	366·36		365·36	365·78	365·58	365·23	365·16		
28	366·16		366·98	366·36	365·53	365·36	365·78	365·58	365·23	365·13		
29	366·38	368·23	366·83	366·33	365·48	365·33		365·58	365·23	365·13		
30		368·23	366·73		365·46	365·33	365·58	365·58	365·23	365·23		
31		368·18		366·38	365·43		365·58			365·33		

Elevations above M.S.L. of Ottawa River at Pembroke, for 1906.

TABLE No. 123.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			369·03		366·18	365·68	365·13	365·68	366·18			
2			368·98	368·03	366·08	365·68	365·03	364·83	365·13			
3				367·88	365·98	365·78	364·88	364·88	365·13			
4			368·93	367·78	365·93	365·78	364·78		365·13			
5			368·88	367·75		365·68	364·68	364·98	365·13			
6			368·78	367·58	365·08	365·68	364·73	364·98	365·13			
7			368·78	367·48	365·03	365·68		364·98	365·13			
8			368·78		365·03	365·68	364·68	364·98				
9			368·73	369·03	364·98		364·38	364·98	365·13			
10		369·38		368·98	364·98	365·68	364·68	365·03	365·13			
11		369·48	369·18	368·93	365·38	365·68	364·73		365·13			
12		369·58	369·08	368·98		365·58	364·68	365·03	365·13			
13			369·18	368·98	365·38	365·68	364·68	365·03	365·13			
14		369·68	369·23	368·93	365·23	365·68		365·06	365·13			
15		369·78	369·18		365·23	365·68	364·68	365·08				
16		369·83	369·08	368·98	365·13		364·68	365·08	365·08			
17		369·78		368·93	365·08	365·68	364·68	365·08	365·08			
18		369·68	367·93	368·78	365·08	365·68	364·68		365·03			
19		369·63	367·96	368·83		365·68	364·78	366·03	364·98			
20			367·98	368·68	365·38	365·68	364·73	366·08	364·93			
21		369·48	367·93	368·63	365·48	365·78		366·08	364·93			
22		369·38	367·88		365·53	365·78	364·73	366·08				
23		369·38	367·93	367·28	365·58		364·68	366·13				
24		369·48		367·18	365·63	365·58	364·73	366·13	364·93			
25		369·38	367·93	366·98	365·68	365·48	364·78		364·98			
26		369·38	367·98	366·68		365·38	364·73	366·13	364·98			
27			368·03	366·58	365·68	365·33	364·73	366·13	364·98			
28		369·38	368·08	366·48	365·68	365·23		366·18	365·03			
29		369·38	368·18		365·68	365·13	364·73	366·13	364·98			
30		369·18	368·28	366·28	365 68			366·13				
31		369·13		366·23	365·78		365·73		365·03			

Elevations above M.S.L. of Ottawa River at Pembroke, for 1912–13.

TABLE No. 124.

1	364·98	367·28	370·28	367·88	366·43	365·58	365·08	366·18	366·03	365·73	365·63	365·63
2	364·98	367·38	370·28	367·78	366·38	365·58	365·13	366·18	366·03	365·73	365·63	365·63
3	364·98	367·58	370·23	367·68	366·28	365·58	365·18	366·18	366·13	365·73	365·63	365·63
4	364·98	367·73	370·18	367·58	366·33	365·58	365·23	366·28	366·13	365·68	365·63	365·63
5	365·03	367·83	370·18	367·48	366·18	365·58	365·28	366·38	366·13	365·63	365·68	365·63
6	365·03	367·93	370·18	367·38	366·18	365·63	365·28	366·48	366·13	365·63	365·68	365·63
7	365·03	368·08	370·08	367·28	366·13	665·63	365·33	366·58	366·13	365·63	365·73	365·63
8	365·03	368·13	369·98	367·18	366·13	365·68	365·38	366·73	366·13	365·63	365·73	365·63
9	365·08	368·18	369·88	367·08	366·13	365·68	365·38	366·78	366·13	365·63	365·73	365·58
10	365·13	368·28	369·78	366·98	366·13	365·68	365·38	366·83	366·08	365·63	365·73	365·53
11	365·23	368·38	369·68	366·98	366·13	365·73	365·38	366·83	366·03	365·63	365·73	365·53
12	365·28	368·48	369·58	366·98	366·13	365·73	365 43	366·78	365·98	365·68	365·73	365·53
13	365·38	368·58	369·48	366·88	366·13	365·78	365·43	366·68	365·93	365·73	365·73	365·53
14	365·53	368·68	369·38	366·88	366·03	365·78	365·43	366·63	365·93	365·78	365·73	365·53
15	365·58	368·78	369·28	366·88	366·03	365·83	365·43	366·58	365·93	365·83	365·73	365·53
16	365·93	368·88	369·18	366·88	366·03	365·83	365·43	366·58	365·83	365·83	365·73	365·48
17	366·28	368·98	369·08	366·88	365·88	365·73	365·58	366·53	365·73	365·83	365·68	365·43
18	366·48	369·08	368·98	366·83	365·88	365·38	365·58	366·48	365·68	365·83	365·63	365·43
19	366·68	369·18	368·98	366·78	365·83	365·38	365·63	366·43	365·63	365·83	365·63	365·48
20	366·78	369·28	368·88	366·78	365·83	365·38	365·63	366·38	365·63	365·83	365·63	365·53
21	366·78	369·38	368·78	366·78	365·83	365·38	365·63	366·33	365·58	365·78	365·63	365·58
22	366·88	369·48	368·68	366·78	365·78	365·38	365·73	366·23	365·53	365·73	365·63	365·68
23	366·93	369·68	368·58	366·73	365·73	365·28	365·83	366·23	365·48	365·73	365·63	365·78
24	366·93	369·78	368·48	366·68	365·68	365·28	365·88	366·23	365·43	365·68	365·63	365·88
25	366·98	369·98	368·38	366·68	365·68	365·23	365·93	366·18	365·38	365·63	365·63	366·38
26	367·03	370·08	368·28	366·68	365·63	365·13	365·98	366·13	365·33	365·63	365·63	366·43
27	367·08	370·18	368·18	366·63	365·63	365·08	366·08	366·13	365·38	365·63	365·63	366·43
28	367·13	370·18	368·08	366·58	365·58	365·03	366·03	366·08	365·43	365·63	365·63	366·33
29	367·13	370·18	367·98	366·58	365·58	365·03	366·13	366·03	365·48	365·63		366·23
30	367·18	370·28	367·98	366·53	365·58	365·03	366·13	366·08	365·63	365·63		366·28
31		370·28		366·48	365·58		366·18		365·68	365·63		366·38

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Pembroke, for 1913–14.

TABLE No. 125.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	366·43	369·53	368·43	366·28	365·43	365·28	364·78	365·38	367·13	365·98	365·18	365·23
2	366·48	369·93	368·33	366·23	365·43	365·28	364·78	365·43	367·18	365·88	365·23	365·18
3	366·58	370·23	368·28	366·18	365·43	365·33	364·78	365·43	367·23	365·88	365·28	365·18
4	366·68	370·23	368·28	366·13	365·43	365·28	364·78	365·43	367·23	365·83	365·33	365·13
5	366·73	370·18	368·23	366·08	365·38	365·28	364·78	365·43	367·23	365·78	365·33	365·13
6	366·78	370·18	368·13	366·03	365·33	365·23	364·78	365·48	367·23	365·73	365·33	365·08
7	366·83	370·08	368·03	365·98	365·33	365·23	364·78	365·58	367·18	365·73	365·33	365·08
8	366·93	370·03	367·98	365·93	365·28	365·23	364·78	365·63	367·13	365·68	365·33	365·08
9	366·93	369·93	367·93	365·83	365·28	365·23	364·78	365·68	367·08	365·68	365·33	365·08
10	366·93	369·83	367·83	365·78	365·28	365·18	364·78	365·78	367·03	365·63	365·48	365·08
11	366·93	369·78	367·83	365·68	365·23	365·13	364·78	365·83	366·93	365·58	365·48	365·08
12	366·93	369·73	367·78	365·63	365·23	365·08	364·78	365·83	366·88	365·53	365·48	365·08
13	366·93	369·68	367·73	365·63	365·23	365·03	364·78	365·83	366·83	365·53	365·48	365·18
14	367·03	369·63	367·68	365·58	365·23	365·03	364·78	365·83	366·83	365·48	365·48	365·28
15	367·13	369·53	367·68	365·58	365·18	364·98	364·78	365·88	366·78	365·48	365·48	365·33
16	367·18	369·43	367·63	365·53	365·18	364·98	364·78	365·88	366·73	365·43	365·48	365·33
17	367·23	369·33	367·58	365·53	365·18	364·98	364·78	365·93	366·73	365·38	365·43	365·33
18	367·13	369·23	367·53	365·53	365·18	364·93	364·83	365·93	366·63	365·38	365·43	365·33
19	367·13	369·13	367·43	365·53	365·18	364·93	364·83	365·98	366·58	365·33	365·43	365·28
20	367·13	369·03	367·33	365·53	365·13	364·93	364·83	366·08	366·53	365·33	365·43	365·23
21	367·13	368·93	367·23	365·53	365·13	364·88	364·88	366·18	366·48	365·33	365·43	365·23
22	367·13	368·88	367·13	365·53	365·13	364·88	364·93	366·28	366·48	365·28	365·38	365·23
23	367·13	368·83	367·03	365·53	365·13	364·88	364·98	366·48	366·43	365·23	365·38	365·23
24	367·18	368·73	366·93	365·53	365·08	364·83	365·03	366·58	366·33	365·23	365·33	365·18
25	367·23	368·68	366·83	365·53	365·08	364·83	365·03	366·73	366·23	365·18	365·28	365·13
26	367·28	368·68	366·73	365·48	365·13	364·83	365·08	366·88	366·13	365·18	365·23	365·08
27	367·38	368·63	366·63	365·48	365·18	364·78	365·08	366·93	366·08	365·18	365·23	365·08
28	368·13	368·63	366·53	365·48	365·18	364·78	365·08	366·98	366·03	365·18	365·23	365·08
29	368·63	368·63	366·43	365·48	365·23	364·78	365·13	367·03	366·03	365·18	.....	365·08
30	369·13	368·63	366·33	365·48	365·23	364·78	365·23	367·08	366·03	365·18	.....	365·08
31	.....	368·53	.....	365·43	365·23	.....	365·33	.....	366·03	365·18	.....	365·08

Elevations above M.S.L. of Ottawa River at Pembroke, for 1914–15.

TABLE No. 126.

1	365·08	367·53	366·73	366·53	365·08	364·53	364·33	364·13	364·48	364·48	364·53	364·33
2	365·08	367·53	366·73	366·48	365·03	364·53	364·33	364·13	364·53	364·48	364·58	364·33
3	365·08	367·63	366·73	366·43	365·03	364·53	364·28	364·13	364·53	364·53	364·58	364·28
4	365·08	367·73	366·73	366·38	364·98	364·53	364·28	364·13	364·53	364·53	364·58	364·28
5	365·08	367·73	366·73	366·33	364·98	364·53	364·23	364·13	364·58	364·53	364·58	364·28
6	365·08	367·73	366·73	366·28	364·93	364·53	364·18	364·13	364·58	364·53	364·58	364·28
7	365·08	367·83	366·73	366·23	364·93	364·53	364·18	364·13	364·63	364·53	364·58	364·23
8	365·03	367·93	366·68	366·18	364·88	364·53	364·13	364·13	364·63	364·53	364·63	364·23
9	365·03	368·03	366·63	366·13	364·88	364·53	364·08	364·13	364·63	364·53	364·63	364·23
10	364·98	368·13	366·63	366·08	364·83	364·53	364·08	364·13	364·63	364·53	364·63	364·18
11	364·93	368·13	366·63	366·08	364·83	364·53	364·08	364·13	364·63	364·53	364·63	364·18
12	364·93	368·18	366·58	366·08	364·78	364·53	364·08	364·13	364·63	364·53	364·63	364·18
13	364·88	368·18	366·53	366·08	364·78	364·53	364·13	364·18	364·63	364·53	364·63	364·13
14	364·83	368·13	366·48	366·08	364·73	364·53	364·13	364·18	364·63	364·53	364·63	364·13
15	364·83	368·08	366·43	366·03	364·73	364·53	364·13	364·18	364·63	364·53	364·63	364·13
16	364·88	367·98	366·38	366·03	364·68	364·53	364·18	364·18	364·63	364·53	364·63	364·08
17	364·88	367·98	366·88	366·03	364·68	364·53	364·18	364·23	364·63	364·53	364·58	364·08
18	364·93	367·83	367·13	366·03	364·68	364·53	364·23	364·23	364·63	364·53	364·58	364·08
19	365·08	367·68	367·20	365·98	364·68	364·53	364·23	264·23	364·58	364·53	364·53	364·03
20	365·48	367·53	367·23	365·98	364·63	364·53	364·18	364·23	364·58	364·53	364·53	364·03
21	365·73	367·43	366·90	365·88	364·63	364·53	364·18	364·28	364·53	364·53	364·53	364·03
22	366·13	367·33	367·05	365·78	364·63	364·53	364·18	364·28	364·53	364 53	364·53	364·03
23	366·23	367·28	366·95	365·68	364·63	364·53	364·13	364·28	364·53	364·53	364·48	363·98
24	366·33	367·23	366·85	365·58	364·63	364·48	364·13	364·33	364·53	364·53	364·48	363·98
25	366·38	367·13	366·78	365·48	364·63	364·48	364·13	364·38	364·48	364·53	364·43	364·03
26	366·43	367·03	366·70	365·38	364·63	364·48	364·13	364·38	364·48	364·53	364·43	364·03
27	366·53	366·98	366·60	365·28	364·63	364·43	364·13	364 43	364 48	364·53	364·38	364·03
28	366·73	366·93	366·58	365·23	364·58	364·43	364·13	364·43	364·48	364·53	364·33	364·03
29	367·13	366·83	366·58	365·18	364·58	364·43	364·13	364·43	364·43	364·53	. . .	364·03
30	367·38	366·78	366·55	365·13	364·58	364·43	364·13	364·43	364·43	364·53	...	364·03
31	.....	366·78	.....	365·08	364·53	....	364·13	.....	364·43	364·53	....	364·03

Elevations above M.S.L. of Black River at Waltham, Que., for 1909–10.

TABLE No. 127.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	482·24	480·96	481·05	480·52	479·55	479·89	480·15	480·34	480·08	479·95
2	.....	.....	482·24	480·96	481·04	480·51	479·55	479·89	480·15	480·34	480·07	480·15
3	.....	.....	482·23	480·96	481·04	480·51	479·56	479·90	480·18	480·33	480·07	480·15
4	.....	.....	482·23	480·95	481·03	480·48	479·58	479·90	480·18	480·31	480·07	480·20
5	.....	.....	482·22	480·95	481·01	480·48	479·58	479·91	480·18	480·30	480·07	480·21
6	.....	.....	482·23	480·97	481·00	480·47	479·59	479·91	480·30	480·29	480·05	480·23
7	.....	.....	482·23	480·96	480·99	.....	479·60	479·92	480·31	480·28	479·85	480·24
8	.....	.....	482·21	480·95	480·98	480·46	479·61	479·92	480·31	480·26	479·85	480·28
9	.....	.....	482·21	480·85	480·95	480·45	479·63	479·94	480·31	480·25	479·93	480·37
10	.....	.....	481·99	480·93	480·95	480·43	479·63	479·93	480·32	480·22	479·92	480·39
11	.....	.....	481·98	480·93	480·92	480·45	479·64	479·92	480·33	480·21	429·90	480·41
12	.....	.....	481·98	480·93	480·92	480·43	479·66	479·92	480·34	480·21	479·89	480·44
13	.....	.....	481·97	480·92	480·81	480·42	479·67	479·91	480·34	480·20	479·87	480·48
14	.....	.....	481·96	480·91	480·82	480·40	479·68	479·90	480·34	480·20	479·87	480·77
15	.....	.....	481·95	480·91	480·74	480·38	479·68	479·90	480·34	480·20	479·86	480·80
16	.....	.....	481·85	480·90	480·72	480·37	479·70	479·91	480·34	480·18	479·84	480·84
17	.....	482·45	481·93	480·82	480·67	480·25	479·71	479·92	480·35	480·17	479·82	481·05
18	.....	482·51	481·84	480·81	480·65	479·79	479·71	479·94	480·37	480·17	479·81	481·25
19	.....	482·55	481·73	480·83	480·65	479·70	479·72	479·97	480·37	480·15	479·81	481·31
20	.....	482·63	481·73	480·82	480·64	479·70	479·73	479·98	480·38	480·14	479·80	481·37
21	.....	482·64	481·63	480·74	480·63	479·68	479·75	480·00	480·40	480·14	479·79	481·42
22	.....	482·95	481·61	480·65	480·63	479·67	479·76	480·01	480·40	480·14	479·78	481·48
23	.....	483·45	481·53	480·85	480·62	479·65	479·78	480·03	480·41	480·13	479·86	481·50
24	.....	483·47	481·51	480·87	480·61	479·65	479·80	480·04	480·39	480·11	479·88	481·59
25	.....	483·35	481·48	480·90	480·60	479·63	479·85	480·07	480·38	480·11	479·90	481·70
26	.....	483·15	481·45	.....	480·59	479·62	479·86	480·08	480·37	480·10	479·91	481·74
27	.....	482·95	481·36	481·51	480·58	479·60	479·87	480·11	480·37	480·09	479·94	481·77
28	.....	482·85	481·25	481·93	480·58	479·59	479·87	480·13	480·36	480·10	.....	481·80
29	.....	482·65	481·15	482·27	480·58	479·58	479·88	480·15	480·36	480·09	.....	481·81
30	.....	482·25	480·96	482·82	480·57	479·55	479·89	480·15	480·35	480·08	.....	481·83
31	.....	482·25	.....	482·94	480·55	.....	479·90	.....	480·35	.....	.....	481·83

Elevations above M.S.L. of Black River at Waltham, Que., for 1910–11.

TABLE No. 128.

1	481·83	480·95	481·58	480·55	479·25	480·31	479·95	479·79	480·12	479·69	479·58	479·64
2	481·85	480·95	481·58	480·55	479·25	480·34	479·97	479·79	480·10	479·68	479·58	479·64
3	481·88	480·94	481·65	480·60	479·14	480·43	480·08	479·81	480·09	479·68	479·57	479·64
4	481·88	480·93	481·70	480·60	479·12	480·45	480·15	479·85	480·07	479·68	479·57	479·65
5	481·90	480·92	481·75	480·58	479·12	480·43	480·16	479·88	479·95	479·65	479·58	479·67
6	481·90	480·11	481·75	480·55	479·10	480·42	480·18	479·92	479·95	479·65	479·58	479·67
7	481·93	480·20	481·95	480·56	479·10	480·40	480·31	479·95	479·94	479·65	479·59	479·68
8	481·93	480·00	481·95	480·57	479·08	480·25	480·52	479·95	479·92	479·65	479·58	479·67
9	481·94	480·00	481·85	480·45	479·07	480·25	480·52	479·92	479·92	479·63	479·60	479·67
10	481·96	480·00	481·68	480·45	478·95	479·94	480·48	479·92	479·90	479·60	479·60	479·68
11	482·07	480·00	481·65	480·45	478·95	479·80	480·45	479·91	479·90	479·60	479·61	479·68
12	482·09	480·00	481·35	480·43	478·95	479·80	480·43	479·91	479·88	479·61	479·61	479·68
13	482·10	479·99	480·95	480·41	478·95	479·80	480·35	479·83	479·88	479·61	479·62	479·68
14	482·12	479·99	480·95	480·41	478·95	479·80	480·34	479·83	479·87	479·59	479·63	479·67
15	482·14	479·98	481·55	479·75	479·05	479·78	480·31	479·82	479·87	479·59	479·63	479·67
16	482·15	479·98	481·55	479·73	479·15	479·74	480·20	479·81	479·83	479·59	479·61	479·67
17	482·48	480·01	481·38	479·70	479·15	479·73	480·20	479·81	479·82	479·59	479·60	479·68
18	482·51	480·03	481·25	479·58	479·45	479·73	480·18	479·84	479·82	479·60	479·60	479·69
19	482·54	480·03	480·95	479·55	479·45	479·73	480·18	479·84	479·82	479·61	479·60	479·69
20	482·45	480·04	480·95	479·55	479·45	479·64	480·16	479·88	479·81	479·60	479·59	479·70
21	482·43	480·95	480·95	479·53	479·25	479·64	479·93	479·88	479·80	479·61	479·58	479·70
22	482·38	480·95	480·91	479·53	479·26	479·62	479·91	479·90	479·80	479·61	479·58	479·70
23	482·27	481·25	480·85	479·47	479·26	479·60	479·89	479·91	479·78	479·58	479·58	479·71
24	481·80	481·36	480·82	479·41	479·28	479·60	479·85	479·94	479·77	479·60	479·60	479·71
25	481·75	481·48	480·77	479·35	479·29	479·58	479·81	479·94	479·75	479·63	477·63	479·71
26	481·55	481·48	480·65	479·35	479·29	479·66	479·80	479·95	479·73	479·63	479·63	479·71
27	480·95	481·55	480·65	479·34	479·31	479·68	479·78	480·05	479·73	479·64	479·64	479·71
28	481·25	481·55	480·63	479·31	479·34	479·68	479·78	480·05	479·71	479·64	479·64	479·70
29	480·95	481·57	480·59	479·28	479·95	479·72	479·75	480·14	479·71	.....	.....	479·70
30	480·95	481·58	480·59	479·27	480·27	479·74	479·75	480·14	479·70	.....	.....	479·68
31	.....	481·58	.....	479·27	480·29	.....	479·75	.....	479·69	.....	.....	479·68

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Black River at Waltham, Que., for 1911–12.

TABLE No. 129.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	479·68	482·95	481·55	480·45	479·42	480·09	479·69	480·45	480·35	480·38	.....	.....
2	479·68	482·95	481·52	480·25	479·41	480·07	479·69	480·42	480·35	480·39	.....	.....
3	479·70	482·84	481·50	480·25	479·39	480·07	479·68	480·42	480·31	480·39	.....	.....
4	479·70	482·81	481·25	480·25	479·38	480·05	479·68	480·40	480·31	480·39	.....	.....
5	479·75	482·81	481·25	480·25	479·35	480·05	479·65	480·40	480·29	480·37	.....	.....
6	479·78	482·65	480·95	480·22	479·33	479·95	479·65	480·38	480·29	480·37	.....	.....
7	479·79	482·65	480·95	480·22	479·33	479·75	479·63	480·38	480·29	480·36	.....	.....
8	479·81	482·53	480·92	480·19	479·74	479·75	479·62	480·39	480·30	480·35	.....	.....
9	479·84	481·51	480·75	480·15	479·74	479·73	479·62	480·40	480·31	480·93	.....	.....
10	480·15	482·45	480·71	480·11	479·84	479·72	479·59	480·40	480·31	480·91	.....	.....
11	480·31	482·22	480·85	480·09	479·85	479·64	479·59	480·41	480·33	480·91	.....	.....
12	480·34	481·95	480·98	480·05	479·88	479·62	479·59	480·41	480·34	480·90	.....	.....
13	480·98	481·81	480·99	479·75	479·88	479·62	479·63	480·42	480·35	480·88	.....	.....
14	481·35	481·60	480·99	479·75	479·92	479·61	479·67	480·42	480·40	480·88	.....	.....
15	481·51	481·58	481·45	479·75	479·93	479·61	479·70	480·42	480·40	480·87	.....	.....
16	481·51	481·55	481·45	479·75	479·95	479·60	479·70	480·40	480·42	479·94	.....	.....
17	481·51	481·53	481·45	479·73	479·95	479·60	479·71	480·38	480·44	479·94	.....	.....
18	481·51	481·53	481·45	479·73	479·95	479·61	479·72	480·38	480·46	479·92	.....	.....
19	481·73	481·50	481·34	479·69	480·13	479·63	479·74	480·38	480·47	479·92	.....	.....
20	481·74	481·45	481·31	479·65	480·14	479·63	479·95	480·37	480·47	479·92	.....	.....
21	481·85	481·25	481·25	479·62	480·15	479·63	479·95	480·37	480·49	479·90	.....	.....
22	481·94	481·45	480·95	479·62	480·15	479·64	480·05	480·38	480·49	479·90	.....	.....
23	482·38	481·52	480·90	479·57	480·15	479·73	480·25	480·39	480·49	479·89	.....	.....
24	482·60	481·73	480·75	479·55	480·15	479·73	480·27	480·39	480·50	479·89	.....	.....
25	482·63	481·74	480·54	479·55	480·14	479·73	480·27	480·40	480·50	479·89	.....	.....
26	482·68	481·85	480·54	479·53	480·14	479·72	480·31	480·41	480·50	479·89	.....	.....
27	482·73	481·85	480·53	479·51	480·12	479·71	480·33	480·43	480·45	479·89	.....	.....
28	482·84	481·68	480·52	479·45	480·12	479·71	480·35	480·43	480·43	.....	.....	.....
29	482·94	481·65	480·51	479·45	480·11	479·70	480·38	480·40	480·41	.....	.....	.....
30	482·95	481·59	480·45	479·42	480·11	479·69	480·45	480·37	480·38	.....	.....	.....
31	.....	481·55	.....	479·42	480·10	.....	480·45	.....	480·38	.....	.....	.....

Elevations above M.S.L. of Black River at Waltham, Que., for 1912–13.

TABLE No. 130.

1	.....	.....	.....	481·45	480·05	480·35	480·85	480·85	.....	.....	.....	.....
2	.....	.....	.....	481·45	480·05	480·45	480·85	480·85	.....	.....	.....	.....
3	.....	.....	.....	481·35	480·15	480·65	480·85	480·85	.....	.....	.....	.....
4	.....	.....	.....	481·35	480·15	480·75	480·75	481·05	.....	.....	.....	.....
5	.....	.....	.....	481·25	480·25	480·75	480·75	481·15	.....	.....	.....	.....
6	.....	.....	.....	481·25	480·25	480·55	480·65	481·35	.....	.....	.....	.....
7	.....	.....	.....	481·25	480·15	480·55	480·65	481·35	.....	.....	.....	.....
8	.....	.....	.....	481·15	480·15	480·55	480·55	481·45	.....	.....	.....	.....
9	.....	.....	.....	481·05	480·25	480·65	480·55	481·45	.....	.....	.....	.....
10	.....	.....	.....	481·05	480·25	480·65	480·45	481·55	.....	.....	.....	.....
11	.....	.....	.....	480·95	480·15	480·65	480·25	481·55	.....	.....	.....	.....
12	.....	.....	.....	480·85	480·15	480·75	480·25	481·35	.....	.....	.....	.....
13	.....	.....	.....	480·65	480·05	480·75	480·15	481·35	.....	.....	.....	.....
14	.....	.....	.....	480·55	480·05	480·75	480·15	481·15	.....	.....	.....	.....
15	.....	.....	.....	480·35	479·95	480·65	480·05	480·95	.....	.....	.....	.....
16	.....	.....	.....	480·35	479·95	480·65	479·95	480·95	.....	.....	.....	.....
17	.....	.....	.....	480·25	479·75	480·65	479·95	480·85	.....	.....	.....	.....
18	.....	.....	.....	480·05	479·75	480·75	479·95	480·85	.....	.....	.....	.....
19	.....	.....	.....	479·95	479·75	480·75	479·95	480·75	.....	.....	.....	.....
20	.....	.....	.....	479·95	479·85	480·65	479·85	480·65	.....	.....	.....	479·95
21	.....	.....	.....	479·95	479·85	480·55	479·85	480·65	.....	.....	.....	480·15
22	.....	.....	.....	479·95	479·85	480·55	480·15	480·45	.....	.....	.....	480·45
23	.....	.....	.....	479·85	479·95	480·65	480·65	480·45	.....	.....	.....	480·55
24	.....	.....	.....	479·85	480·15	480·75	480·85	.....	.....	.....	.....	480·65
25	.....	.....	.....	479·75	480·15	480·75	480·95	.....	.....	.....	.....	480·95
26	.....	.....	.....	479·75	480·15	480·85	480·95	.....	.....	.....	.....	481·15
27	.....	.....	.....	479·75	480·25	480·85	480·95	.....	.....	.....	.....	481·15
28	.....	.....	.....	479·85	480·25	481·15	480·85	.....	.....	.....	.....	481·15
29	.....	.....	.....	479·85	480·25	481·15	480·85	.....	.....	.....	.....	481·15
30	.....	.....	.....	479·95	480·35	480·95	480·85	.....	.....	.....	.....	481·15
31	.....	.....	.....	480·05	480·35	.....	480·75	.....	.....	.....	.....	481·15

Elevations above M.S.L. of Black River at Waltham, Que., for 1913–14.

TABLE No. 131.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	481·25	482·55	480·55	479·95	479·35	479·25	479·25	480·15	480·45	479·95	479·55	479·55
2	481·35	482·45	480·45	479·85	479·35	479·25	479·35	480·15	480·45	479·75	479·55	479·45
3	481·35	482·25	480·45	479·75	479·25	479·25	479·55	480·05	480·35	479·65	479·55	479·35
4	481·35	481·95	480·65	479·75	479·25	479·25	479·55	480·05	480·35	479·75	479·55	479·35
5	481·45	481·75	480·75	479·75	479·25	479·25	479·55	479·95	480·35	479·75	479·55	479·35
6	481·55	481·45	480·95	479·65	479·25	479·25	479·55	479·85	480·35	479·75	479·65	479·35
7	481·55	481·35	480·95	479·65	479·25	479·15	479·45	479·85	480·35	479·75	479·65	479·35
8	481·65	481·25	480·95	479·65	479·25	479·15	479·45	479·85	480·25	479·75	479·65	479·35
9	481·65	481·15	480·85	479·55	479·25	479·15	479·45	479·85	480·15	479·75	479·65	479·35
10	481·75	480·95	480·75	479·55	479·25	479·05	479·35	479·95	480·25	479·65	479·65	479·35
11	481·85	480·85	480·75	479·55	479·25	479·05	479·35	480·35	479·95	479·65	479·65	479·25
12	482·05	480·85	480·55	479·75	479·15	478·95	479·45	480·55	479·75	479·65	479·65	479·25
13	481·95	480·75	480·45	479·75	479·15	478·85	479·45	480·75	479·75	479·65	479·55	479·35
14	482·05	480·65	480·45	479·75	479·15	478·85	479·35	480·85	479·95	479·95	479·75	479·35
15	482·15	480·65	480·35	479·65	479·05	478·85	479·55	480·75	479·95	479·85	479·85	479·45
16	482·25	480·65	480·35	479·65	479·05	478·85	479·55	480·65	479·85	479·85	479·75	479·35
17	482·35	480·75	480·25	479·65	478·95	478·85	479·65	480·55	479·85	479·75	479·65	479·35
18	482·35	480·85	480·15	479·65	478·95	478·95	479·65	480·45	479·85	479·85	479·65	479·35
19	482·45	480·65	480·15	479·55	478·95	478·95	479·65	480·35	479·85	479·85	479·65	479·35
20	482·55	480·65	480·25	479·65	478·95	478·95	479·65	480·35	479·85	479·75	479·65	479·35
21	482·45	480·75	480·15	479·55	478·85	478·95	479·65	480·35	479·85	479·75	479·75	479·35
22	482·45	480·75	480·25	479·55	478·85	479·05	479·75	480·35	479·75	479·75	480·00	479·55
23	482·35	480·85	480·05	479·55	478·85	479·05	479·85	480·35	479·75	479·75	479·75	479·55
24	482·25	480·85	479·95	479·55	478·85	479·05	479·95	480·45	479·85	479·65	479·65	479·55
25	482·15	480·85	479·95	479·55	478·85	479·05	479·95	480·55	479·85	479·65	479·65	479·25
26	482·15	480·95	479·85	479·55	478·85	479·15	480·05	480·55	479·85	479·65	479·65	479·25
27	482·25	480·95	479·95	479·45	479·05	479·25	480·15	480·55	479·75	479·65	479·65	479·35
28	482·35	480·85	480·15	479·45	479·15	479·25	480·25	480·35	479·75	479·65	479·55	479·35
29	482·55	480·75	480·15	479·45	479·25	479·25	480·25	480·35	479 75	479·55	.....	479·45
30	482·65	480·55	480·05	479·35	479·25	479·25	480·25	480·45	479·85	479·55	.....	479·45
31	.....	480·55	.....	479·35	479·25	.....	480·25	.....	480·05	479·55	.....	479·45

Elevations above M.S.L. of Black River at Waltham, Que., for 1914–15.

TABLE No. 132.

1	479·45	481·95	480·15	480·35	479·25	478·95	478·85	479·38	479·85	479·45	479·35	479·45
2	479·45	481·85	479·85	480·35	479·25	478·95	478·85	479·38	479·95	479·45	479·35	479·45
3	479·45	481·75	479·85	480·35	479·05	478·95	478·85	479·38	480·05	479·45	479·35	479·45
4	479·45	481·65	479·85	480·45	478·95	478·95	478·85	479·38	480·05	479·40	479·35	479·40
5	479·55	481·45	479·85	480·45	478·95	478·95	478·85	479·45	480·05	479·40	479·35	479·40
6	479·55	481·15	480·55	480·45	478·85	478·95	478·85	479·45	480·20	479·40	479·35	479·45
7	479·55	481·15	480·45	480·35	478·75	479·25	478·75	479·45	480·20	479·48	479·35	479·45
8	479·55	481·05	480·05	480·55	478·65	479·25	478·85	479·45	480·05	479·50	479·35	479·40
9	479·55	481·05	479·95	485·55	478·55	479·25	478·85	479·44	480·05	479·50	479·31	479·38
10	479·55	480·95	480·15	480·55	478·55	479·15	479·05	479·42	479·96	479·55	479·35	479·35
11	479·55	480·85	480·25	480·55	478·55	479·15	479·25	479·42	479·86	479·55	479·35	479·35
12	479·55	480·75	480·15	480·45	478·45	479·15	479·25	479·31	479·95	479·55	479·35	479·35
13	479·55	480·65	480·15	480·35	478·45	479·15	479·25	479·20	480·05	479·55	479·35	479·35
14	479·55	480·55	480·05	480·35	478·45	479·05	479·25	478·75	479·84	479·55	479·38	479·35
15	479·65	480·55	479·65	480·55	478·55	479·05	479·35	479·35	479·68	479·55	479·44	479·45
16	479·65	480·55	479·65	480·55	479·35	479·05	479·35	479·60	479·60	479·55	479·44	479·48
17	479·85	480·55	479·85	480·45	478·45	479·05	479·45	479·85	479·55	479·55	479·44	479·55
18	480·05	480·45	479·75	480·35	478·25	478·95	479·45	479·94	479·55	479·55	479·42	479·55
19	480·45	480·35	479·75	480·35	478·45	478·95	479·45	479·97	479·58	479·55	479·38	479·45
20	481·05	480·35	480·05	480·25	479·05	479·05	479·45	480·04	479·60	479·50	479·38	479·10
21	481·45	480·15	480·05	480·15	479·05	478·95	479·35	480·05	479·55	479·48	479·38	479·35
22	481·35	480·05	479·75	480·05	479·05	478·85	479·35	480·14	479·55	479·48	479·38	479·40
23	481·45	480·05	479·95	479·95	479·15	478·85	479·35	480·05	479·50	479·45	479·35	479·40
24	481·65	480·05	479·55	480·25	479·15	478·85	479·35	480·05	479·45	479·45	479·35	479·40
25	481·55	480·15	479·85	479·75	479·05	478·85	479·35	479·95	479·45	479·45	479·45	479·45
26	481·55	480·05	479·55	479·65	479·05	478·85	479·35	479·95	479·45	479·45	479·45	479·45
27	481·35	479·95	479·55	479·55	479·05	478·85	479·35	479·95	479·15	479·45	479·45	479·45
28	481·35	480·05	480·05	479·45	478·95	478·85	479·35	479·85	479·45	479·45	479·45	479·45
29	481·65	480·15	479·85	479·45	478·95	478·85	479·35	479·85	479·45	479·38	.....	479·40
30	481·85	480·35	480·15	479·35	478·95	478·85	479·44	479·85	479·15	479·37	.....	479·40
31	.....	480·25	.....	479·25	478·95	.....	479·42	.....	479·15	479·35	.....	479·40

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Elevations above M.S.L. of Ottawa River at head of Lake Coulonge, for 1906.

TABLE No. 133.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1												344·90
2												344·90
3												344·80
4												344·80
5												344·80
6												344·80
7												344·80
8												344·80
9												344·80
10												344·80
11												344·80
12												344·80
13												344·80
14												344·80
15												344·70
16												344·60
17												344·60
18												344·50
19												344·50
20												344·50
21												344·50
22												344·50
23												344·50
24												344·40
25												344·40
26												344·50
27											345·00	344·70
28											345·00	344·90
29												345·00
30												345·10
31												345·20

Elevations above M.S.L. of Ottawa River at head of Lake Coulonge, for 1906.

TABLE No. 134.

1	345·20	349·90	352·00	351·10	346·00	343·70	342·80	342·90	343·80			
2	345·30	350·20	351·90	350·80	345·90	343·70	342·70	342·90	343·80			
3	345·30	350·60	351·80	350·50	345·90	343·60	342·70	343·00	343·80			
4	345·40	350·80	351·60	350·20	345·80	343·60	342·70	343·00	343·80			
5	345·40	350·90	351·50	350·00	345·80	343·50	342·60	343·00	343·80			
6	345·50	351·10	351·40	349·70	345·70	343·40	342·60	343·00	343·80			
7	345·50	351·90	351·50	349·50	345·70	343·30	342·60	343·05	343·80			
8	345·50	352·00	351·70	349·80	345·60	343·20	342·60	343·05	343·90			
9	345·50	352·20	351·90	349·10	345·50	343·20	342·60	343·10	343·90			
10	345·50	352·40	352·10	348·90	345·50	343·20	342·50	343·10	344·00			
11	345·50	352·50	352·20	348·70	345·40	343·10	342·50	343·15	344·00			
12	345·50	352·70	352·30	348·50	345·30	343·10	342·60	343·15	344·00			
13	345·60	352·80	352·30	348·30	345·20	343·10	342·70	343·15	344·00			
14	345·60	352·90	352·30	348·10	345·10	343·00	342·70	343·20	344·00			
15	345·80	353·00	352·20	347·90	345·00	343·00	342·70	343·20	344·00			
16	346·00	353·10	352·20	347·70	344·90	343·00	342·70	343·30	344·00			
17	346·20	353·10	352·10	347·60	344·80	343·00	342·70	343·30	344·00			
18	346·40	353·10	352·10	347·50	344·70	342·90	342·70		344·00			
19	346·80	353·10	352·00	347·30	344·70	342·90	342·80		344·00			
20	347·50	353·00	352·00	347·10	344·60	342·80	342·80	343·40	344·00			
21	347·80	352·90	351·90	347·00	344·50	342·80	342·80	343·50	344·00			
22	348·20	352·80	351·90	346·90	344·40	342·80	342·80	343·50	343·90			
23	348·60	352·60	351·80	346·80	344·40	342·70	342·80	343·50	343·90			
24	348·80	352·50	351·80	346·70	344·30	342·70	342·80	343·50	343·90			
25	349·00	352·50	351·70	346·60	344·20	342·70	342·80	343·60	343·80			
26	349·20	352·50	351·70	346·50	344·20	342·70	342·80	343·60	343·80			
27	349·40	352·40	351·60	346·40	344·10	342·70	342·80	343·60	343·90			
28	349·50	352·40	351·60	346·30	344·00	342·70	342·85	343·60	343·80			
29	349·60	352·30	351·50	346·20	344·00	342·80	342·85	343·60	343·70			
30	349·70	352·20	351·40	346·10	343·90	342·80	342·85	343·70	343·70			
31		352·10		346·00	343·80		342·90		343·80			

Elevations above M.S.L. of Coulonge River at Coulonge Chute, for 1905.

TABLE No. 135.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1		505·15	503·55	502·85	503·05	501·15	501·65	503·05				
2		505·05	503·25	502·75	502·95	501·15	501·65	502·95				
3		504·75	503·25	502·65	502·85	501·25	501·75	502·85				
4		504·65	503·55	502·55	502·95	501·25	501·75	502·65				
5		504·55	503·55	502·45	502·65	501·25	501·75	502·55				
6		504·35	503·45	502·55	502·55	501·25	501·65	502·45				
7			503·75	502·65	502·55	501·35	501·65					
8		504·85	503·85	502·65	502·55	501·45	501·65	502·45				
9		505·45	503·85	502·55	502·45	501·55	501·65	502·35				
10		505·55	503·95	502·55	502·35	501·55	501·65	502·35				
11		505·65	504·15	502·45	502·15	501·55	501·65	502·25				
12		505·75	503·25	502·45	502·05	501·65	501·75	502·15				
13		505·45	503·35	502·55	501·95	501·65	501·85	502·15				
14		505·05	503·45	502·65	501·95	501·65	501·55	502·25				
15		504·65	503·75	502·85	501·95	501·75	501·95	502·25				
16		504·65	503·85	502·85	501·85	501·75	502·25					
17		504·85	503·85	502·85	501·85	501·75	502·35					
18		505·05	503·65	502·95	501·85	501·85	502·45					
19		505·15	503·45	502·95	501·85	501·85	502·85					
20		505·35	503·35	503·05	501·75	501·95	503·15					
21			503·05	503·05	501·75	502·05	503·35					
22		505·25	502·95	502·95	501·65	502·15	503·45					
23		504·95	503·35	502·65	501·65	502·05	503·55					
24		504·65	503·25	502·55	501·55	501·95	503·55					
25		504·65	502·95	502·85	501·45	501·95	503·55					
26	502·64	504·45	502·95	502·85	501·35	501·85	503·45					
27	502·85	504·35	503·05	503·45	501·35	501·75	503·45					
28	503·25		503·05	503·65	501·35	501·75	503·35					
29	503·45	504·15	502·95	503·25	501·25	501·75						
30		504·05	502·85	503·15	501·25	501·65	503·35					
31		503·85		503·15	501·25		503·25					

Elevations above M.SL. of Coulonge River at Coulonge Chute, for 1908.

TABLE No. 136

1			507·15									
2			507·35									
3			507·35									
4			507·25									
5			507·05									
6			506·85									
7												
8			506·55									
9			506·35									
10			506·05									
11			505·85									
12			505·55									
13			505·25									
14		508·65	505·05									
15		508·65	505·45									
16		508·55	505·15									
17		508·55	505·05									
18		507·75	504·84									
19		507·45										
20		507·15										
21		507·25										
22		507·15	505·35									
23		507·25	505·05									
24		507·15	504·75									
25	512·05	507·15	504·50									
26		506·95	504·25									
27		506·85	504·05									
28		506·95										
29		506·75										
30		506·75										
31		506·95										

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Elevations above M.S.L. of Coulonge River at Coulonge Chute, for 1909–10.

TABLE No. 137.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	508·05	503·00	.....	502·65	502·75	502·80	502·95	502·95	501·75	502·25
2	.....	.....	507·25	502·95	.....	502·60	502·75	502·75	503·05	502·45	501·65	502·35
3	.....	.....	506·75	502·85	.....	502·55	502·74	502·75	503·00	502·45	501·55	502·50
4	.....	.....	506·65	502·95	.....	502·62	502·65	502·75	502·95	502·35	501·45	502·65
5	.....	.....	506·35	503·05	.....	502·35	502·65	502·70	503·05	502·25	501·45	502·75
6	.....	.....	506·05	503·21	.....	502·35	502·55	502·65	503·05	502·25	501·45	502·85
7	.....	.....	505·85	503·25	.....	502·28	502·47	502·75	502·95	502·15	501·45	502·85
8	.....	.....	504·55	503·15	.....	502·25	502·40	502·75	502·95	502·05	501·45	502·95
9	.....	.....	504·45	502·85	.....	502·15	502·35	502·85	502·95	501·95	501·35	502·95
10	.....	.....	504·35	502·55	505·55	502·10	502·45	502·85	502·85	501·95	501·35	503·00
11	.....	.....	504·15	502·55	505·35	502·05	502·45	502·85	502·85	501·90	501·35	503·05
12	.....	.....	503·75	502·60	505·25	502·15	502·47	502·80	502·85	501·85	501·35	503·05
13	.....	.....	503·55	502·60	505·14	502·15	502·55	502·75	502·75	501·75	501·45	503·10
14	.....	.....	503·55	502·65	504·75	502·10	502·55	502·75	502·75	501·75	501·45	503·15
15	.....	.....	503·55	502·65	504·55	502·05	502·65	502·70	502·85	501·65	501·55	503·15
16	.....	510·55	503·45	502·55	504·35	501·95	502·65	502·65	502·95	501·55	501·55	503 05
17	.....	511·15	503·50	502·65	504·35	502·00	502·70	502·65	503·05	501·55	501·55	503·05
18	.....	511·55	503·35	502·55	504·25	501·95	502·70	502·65	503·05	501·55	501·50	503·10
19	.....	512·05	503·35	502·55	504·35	502·05	502·75	502·60	503·05	501·55	501·45	503·15
20	.....	512·05	503·45	502·65	504·25	502·05	502·75	502·55	503·05	501·65	501·55	503·15
21	.....	511·55	503·50	502·85	504·10	502·25	502·85	502·55	503·15	501·70	501·55	503·15
22	.....	511·15	503·51	503·15	503·85	502·40	502·85	502·55	503·15	501·75	501·65	503·15
23	.....	510·05	503·55	503·35	503·75	502·45	502·85	502·45	503·05	501·85	501·65	503·25
24	.....	509·75	503·55	503·55	503·55	502 45	502 85	502·45	503·00	501·85	501·75	503·25
25	.....	509·55	503·45	.....	503·40	502·55	502·90	502·55	502·95	501·90	501·75	503·20
26	.....	509·45	503·44	.....	503·15	502·55	502·90	502·55	502·95	501·85	501·85	503·20
27	.....	509·25	503·25	.....	502·85	502·65	502·90	502·65	503·00	501·80	501·95	503·35
28	.....	509·10	503·25	.....	502·65	502·65	502·85	502·75	502·95	501·75	502·05	503·55
29	.....	508·75	503·14	.....	502·65	502·70	502·85	502·85	502·95	501·65	.....	504·15
30	.....	508·75	503·05	.....	502·64	502·75	502·85	502·85	502·95	501·65	.....	504·45
31	.....	508·55	.....	.....	502·55	.....	502·85	.....	502·95	501·70	.....	504·55

Elevations above M.S.L. of Coulonge River at Coulonge Chute, for 1910–11.

TABLE No. 138.

1	504·95	505·55	505·05	504·15	502·45	502·10	502·75	503·33	503·10	502·60	502·40	502·40
2	505·35	505·50	505·35	504·05	502·45	502·10	502·80	503·30	503·05	502·55	502·35	502·43
3	505·75	505·75	505·45	504·00	502·50	502·15	502·80	503·25	503·00	502·55	502·32	502·45
4	506·05	505·95	505·75	503·85	502·45	502·20	502·85	503·25	503·00	502·50	502·27	502·45
5	506·45	505·75	505·75	503·77	502·35	502·25	502·85	503·20	502·95	502·45	502·55	502·45
6	507·05	505·55	505·85	503·65	502·35	502·15	502·85	503·25	502·95	502·45	502·55	502·47
7	507·45	505·45	505·75	503·45	502·35	502·15	502·90	503·30	503·00	502·45	502·55	502·47
8	507·55	505·45	.....	503·35	502·30	502·10	502·95	503·35	503·05	502·45	502·57	502·45
9	507·55	505·25	505·65	503·15	502·35	502·05	503·00	503·35	503·05	502·40	502·57	502·45
10	507·45	505·15	505·35	503·05	502·25	502·05	503·05	503·30	503·05	502·40	502·60	502·43
11	507·05	504·00	505·05	502·85	502·25	502·05	503·10	503·25	503·05	502·35	502·60	502·43
12	506·95	504·85	504·95	502·90	502·25	502·05	503·15	503·20	503·10	502·35	502·55	502·40
13	506·15	504·65	505·00	502·80	502·15	502·00	503·25	503·20	503·15	502·30	502·50	502·40
14	506·05	504·45	504·95	502·75	502·35	502·00	503·30	503·15	503·15	502·30	502·45	502·37
15	505·85	504·35	504·85	502·65	502·45	501·95	503·40	503·15	503·10	502·25	502·43	502·35
16	505·55	504·35	504·85	502·45	502·45	501·95	503·45	503·17	503·05	502·25	502·37	502·35
17	505·65	504·55	504·65	502·45	502·55	501·90	503·45	503·15	503·00	502·30	502·35	502·30
18	505·65	504·45	504·45	502·55	502·65	502·20	503·42	503·10	502·95	502·35	502·33	502·25
19	505·75	504·50	504·25	502·55	502·65	502·25	503·40	503·10	502·95	502·40	402·35	502·25
20	505·85	504·45	504·30	502·60	502·55	502·25	503·40	503·10	503·00	502·45	502·35	502·25
21	505·95	504·40	504·25	502·65	502·45	502·35	503·40	503·12	503·00	502·45	502·37	502·30
22	505·95	504·45	504·20	502·70	502·40	502·45	503·35	503·15	503·05	502·50	502·37	502·33
23	506·05	504·55	504·15	502·75	502·25	502·50	503·40	503·15	503·10	502·45	502·40	502·35
24	505·95	504·55	504·05	502·75	502·25	502·55	503·35	503·20	503·15	502·40	502·37	502·40
25	505·95	504·65	504·05	502·65	502·25	502·65	503·35	503·15	503·05	502·40	502·40	502·40
26	506·05	504·65	504·10	502·65	502·20	502·65	503·40	503·15	502·90	502·35	502·43	502·45
27	505·95	504·55	504·15	502·65	502·20	502·75	503·35	503·15	502·85	502·30	502·40	502·45
28	505·85	504·45	504·15	502·55	502·15	502·75	503·37	503·15	502·75	502·25	502·40	502·40
29	505·75	504·45	504·30	502·55	502·15	502·80	503·35	503·13	502·75	502·40	.....	502·40
30	505·65	504·65	504·20	502·55	502·05	502·75	503·35	503·10	502·65	502·42	.....	502·37
31	.....	504·80	.....	502·55	502·05	.....	503·35	.....	502·55	502·45	.....	502·35

Elevations above M.S.L. of Coulonge River at Coulonge Chute, for 1911–12.

TABLE No. 139.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	502·40	507·95	504·65	503·25	502·60	502·60	502·33	503·05	504·00	503·25	502·95	503·05
2	502·35	508·35	504·55	503·25	502·55	502·60	502·35	503·03	503·97	503·15	.....	502·80
3	502·37	508·65	504·45	503·30	502·50	502·53	502·35	503·00	504·05	503·15	503·00	.....
4	502·43	508·60	504·55	503·35	502·45	502·50	502·38	502·95	504·05	503·10	503·00	502·92
5	502·45	508·35	504·55	503·40	502·45	502·45	502·38	502·97	503·85	503·15	.....	.....
6	502·45	508·25	504·60	503·50	502·35	502·45	502·40	503·05	503·75	503·10	503·00	.....
7	502·50	507·85	504·75	503·55	502·40	502·43	502·38	503·15	503·85	503·12	502·97	502·87
8	502·55	507·55	504·85	503·65	502·35	502·37	502·45	503·25	504·05	503·07	503·00	.....
9	502·60	507·25	504·90	503·55	502·25	502·35	502·45	503·45	504·15	503·07	503·00	502·82
10	502·65	506·95	504·85	503·25	502·25	502·35	502·45	503·50	503·60	503·10	503·00	.....
11	502·70	506·75	504·87	502·75	502·10	502·30	502·48	503·60	503·65	503·15	503·02	502·71
12	502·75	506·55	504·90	502·75	502·10	502·30	502·45	503·75	503·70	503·15	503·00	.....
13	502·95	506·30	504·95	502·65	502·15	502·33	502·50	503·90	503·73	503·10	503·00	502·65
14	503·25	506·05	504·95	502·65	502·20	502·35	502·48	504·00	503·75	503·10	.....	.....
15	503·55	505·85	505·00	502·75	502·25	502·40	502·50	504·05	504·00	503·05	.....	502·62
16	503·75	505·55	505·05	502·75	502·35	502·37	502·52	504·15	504·35	503·05	502·92	.....
17	503·77	505·35	505·35	502·86	502·40	502·40	502·60	504·05	504·30	503·10	502·95	.....
18	503·85	505·15	505·45	502·85	502·45	502·43	502·65	503·95	504·15	503·10	502·95	.....
19	504·15	505·05	505·45	502·80	502·45	502·45	502·80	504·00	503·75	503·12	503·00	.....
20	504·35	504·90	505·35	502·75	502·40	502·45	502·85	504·00	503·55	.....	503·00	.....
21	504·50	504·73	505·15	502·75	502·55	502·40	502·95	504·05	503·60	503·05	503·30	.....
22	504·55	504·65	504·95	502·80	502·55	502·40	502·95	504·05	503·65	503·05	503·30	.....
23	504·75	504·75	504·65	502·85	502·45	502·43	502·97	504·10	503·75	503·07	502·80	.....
24	505·25	504·85	504·35	502·80	.....	502·40	502·97	504·15	503·80	503·05	503·30	.....
25	505·45	504·65	504·15	502·75	502·50	502·40	503·00	504·13	503·75	.....	502·95	.....
26	505·85	504·55	503·95	502·70	502·45	502·37	503·03	503·95	503·75	503·02	502·95	.....
27	506·45	504·45	503·80	502·65	502·53	502·35	503·05	503·95	503·65	503·00	502·95	.....
28	506·95	504·55	503·60	502·65	502·50	502·30	503·05	504·00	503·70	503·00	503·00	.....
29	507·35	504·60	503·55	502·75	502·53	502·35	503·10	504·05	503·55	503·00	502·80	.....
30	507·55	504·65	503·45	502·65	502·53	502·30	503·10	504·05	503·50	503·00	.....	.....
31	.....	504·70	.....	502·65	502·55	.....	.....	.....	503·35	502·95	.....	.....

Elevations above M.S.L. of Coulonge River at Coulonge Chute, for 1912–13.

TABLE No. 140.

1	.....	505·35	505·25	502·55	501·55	501·75	502·05	503·65	502·75	502·25	502·15	501·95
2	.....	505·15	505·05	502·55	501·55	501·75	502·05	503·55	502·75	502·25	502·15	501·95
3	.....	504·95	505·05	502·55	501·55	501·75	501·85	503·35	502·75	502·15	502·15	501·85
4	.....	505·25	504·85	502·55	501·45	501·75	501·85	503·35	502·85	502·15	502·05	501·85
5	.....	504·55	504·65	502·45	501·45	501·65	501·85	503·35	502·95	502·05	502·05	501·85
6	.....	504·45	504·55	502·45	501·45	501·65	501·85	503·45	503·05	502·05	502·05	501·85
7	.....	504·35	504·55	502·35	501·45	501·65	501·85	503·95	503·05	502·05	502·05	501·85
8	.....	504·25	504·55	502·25	501·45	501·75	501·85	504·85	503·05	502·05	502·05	501·85
9	.....	504·45	504·35	502·25	501·55	501·85	501·75	504·75	502·75	502·05	502·05	501·85
10	.....	504·55	504·15	502·25	501·65	501·95	501·75	504·55	502·85	502·05	502·05	501·85
11	.....	504·85	503·95	502·25	501·65	501·95	501·65	504·35	502·95	502·05	501·95	501·75
12	.....	504·65	503·75	502·35	501·75	501·95	501·65	503·95	502·75	502·15	501·95	501·65
13	.....	504·75	503·55	502·25	501·85	501·95	501·65	503·95	502·65	502·15	501·85	501·55
14	.....	504·85	503·55	502·25	501·85	501·85	501·75	503·85	502·75	502·15	501·85	501·55
15	.....	505·05	503·45	502·25	501·75	501·85	501·85	503·75	502·75	502·15	501·85	501·65
16	.....	505·15	503·45	502·35	501·75	501·85	501·95	503·65	502·75	502·15	501·85	501·65
17	.....	505·15	503·55	502·35	501·65	501·75	501·95	503·55	502·65	502·25	501·85	501·75
18	.....	504·55	503·95	502·25	501·55	501·75	501·95	503·65	502·55	502·25	501·85	501·85
19	.....	504·85	503·85	502·25	501·55	501·75	501·95	503·55	502·65	502·25	501·85	501·95
20	.....	504·75	503·85	502·35	501·45	501·75	501·95	503·45	502·65	502·25	501·95	502·15
21	504·95	504·65	503·65	502·25	501·45	501·75	501·95	503·35	502·55	502·15	591·95	502·35
22	505·05	504·65	503·55	502·15	501·35	501·85	501·85	503·25	502·45	502·15	501·95	502·65
23	505·45	504·35	503·55	502·15	501·35	501·95	502·35	503·15	502·35	502·05	501·95	503·05
24	505·85	504·35	503·15	502·05	501·35	501·95	502·95	503·15	502·35	502·05	501·95	503·25
25	505·85	504·85	503·15	501·95	501·35	501·95	503·45	503·15	502·35	502·05	501·95	503·75
26	505·55	505·25	503·15	501·85	501·45	502·05	503·75	503·05	502·35	502·05	501·95	503·85
27	504·95	505·05	503·05	501·75	501·55	502·05	503·75	502·95	502·35	502·15	501·95	503·95
28	505·75	505·05	502·95	501·65	501·75	502·15	503·75	502·85	502·25	502·15	501·95	503·95
29	505·75	505·35	502·95	501·65	501·85	502·15	503·65	502·85	502·25	502·15	.....	503·85
30	505·45	505·35	502·65	501·65	501·95	502·05	503·45	502·85	502·25	502·15	.....	503·75
31	.....	505·35	.....	501·55	501·85	.....	503·55	.....	502·25	502·15	.....	503·85

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Coulonge River at Coulonge Chute, for 1913–14.

TABLE No. 141.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	503·85	506·05	503·45	502·45	501·25	500·95	501·05	502·65	503·05	501·75	501·45	501·75
2	503·95	504·65	503·35	502·55	501·25	500·95	501·05	502·65	502·95	501·75	501·55	501·65
3	504·05	504·95	503·35	502·25	501·15	500·95	501·05	502·55	502·95	501·75	501·55	501·55
4	504·05	505·05	503·35	502·15	501·15	500·85	500·95	502·35	502·95	501·75	501·55	501·45
5	504 15	504·85	503·15	502·15	501·15	500·85	500·95	502·35	502·95	501·75	501·65	501·35
6	504·15	504·75	503·05	502·05	501·05	500·85	500·85	502·25	502·95	501·75	501·65	501·35
7	504·25	504·55	503·05	501·95	501·05	500·85	500·85	502·25	502·95	501·65	501·65	501·25
8	504·15	504·35	503·15	501·95	501·05	500·75	500·75	502·15	502·95	501·65	501·65	501·25
9	504·15	504·05	503·15	501·85	501·05	500·75	500·75	502·55	502·85	501·65	501·65	501·25
10	504·15	503·95	503·25	501·75	501·05	500·65	500·75	503·05	502·85	501·65	501·65	501·25
11	504·15	503·95	503·45	501·75	501·05	500·65	501·05	503·45	502·75	501·65	501·75	501·25
12	504·15	503·65	503·55	501·85	501·05	500·65	501·35	503·95	502·75	501·65	501·85	501·25
13	504·65	503·55	503·15	501·85	500·95	500·65	501·45	503·85	502·75	501·65	501·95	501·25
14	505·15	503·45	502·95	501·85	500·95	500·55	501·45	503·75	502·65	501·65	502·05	501·25
15	505·35	503·35	502·75	501·85	500·95	500·55	501·35	503·55	502·65	501·65	502·05	501·25
16	505·55	503·55	502·85	501·85	500·85	500·55	501·35	503·45	502·55	501·65	502·05	501·25
17	506·05	503·35	503·05	501·75	500·85	500·45	501·25	503·45	502·55	501·65	502·05	501·25
18	506·15	503·55	503·25	501·75	500·75	500·45	501·15	503·35	502·55	501·65	502·05	501·25
19	506·15	503·35	503·15	501·75	500·75	500·45	501·05	503·15	502·55	501·65	501·95	501·25
20	506·15	503·25	503·15	501·85	500·75	500·45	501·25	503·15	502·45	501·65	501·95	501·25
21	506·05	503·25	502·95	501·85	500·75	500·45	501·45	503·15	502·25	501·65	501·95	501·15
22	505·75	503·25	502·85	501·75	500·75	500·65	501·65	503·25	502·05	501·65	501·95	501·25
23	505·85	503·45	502·85	501·75	500·75	500·85	501·85	503·35	502·05	501·65	501·85	501·25
24	505·95	503·95	502·75	501·65	500·75	500·95	502·05	503·45	501·95	501·55	501·85	501·25
25	506·35	503·95	502·65	501·55	500·85	501·15	502·15	503·55	501·95	501·55	501·75	501·25
26	506·75	503·75	502·55	501·45	500·85	501·25	502·35	503·45	501·85	501·55	501·75	501·25
27	507·15	503·85	502·45	501·45	500·85	501·15	502·75	503·45	501·85	501·55	501·75	501·25
28	507·15	503·85	502·35	501·45	500·85	501·15	502·75	503·35	501·85	501·55	501·75	501·25
29	506·95	503·75	502·35	501·35	500·85	501·15	502·65	503·25	501·85	501·55	.....	501·35
30	506·55	503·75	502·25	501·35	500·85	501·05	502·65	503·15	501·85	501·45	.....	501·45
31	.....	503·65	.....	501·35	500·95	.....	502·65	.....	501·85	501·45	.....	501·45

Elevations above M.S.L. of Coulonge River at Coulonge Chute, for 1914–15.

TABLE No. 142.

1	501·45	504·95	502·55	503·05	501·35	500·45	499·95	500·35	501·55	501·05	501·15	500·95
2	501·45	504·65	502·55	503·05	501·35	500·45	499·85	500·45	501·55	501·05	501·15	500·95
3	501·45	504·45	502·55	502·95	501·35	500·45	499·75	500·45	501·55	501·05	501·15	500·95
4	501·45	504·45	502·45	502·85	501·25	500·45	499·75	500·55	501·55	501·05	501·05	500·95
5	501·45	504·45	502·55	502·85	501·25	500·45	499·75	500·65	501·55	501·05	500·95	500·95
6	501·45	504·55	502·65	502·85	501·25	500·55	499·85	500·65	501·75	501·15	500·95	500·95
7	501·45	504·65	502·55	502·85	501·15	500·65	499·85	500·65	501·85	501·15	500·95	500·95
8	501·45	504·55	502·55	502·25	501·05	500·65	499·85	500·75	502·05	501·15	500·95	500·85
9	501·35	504·45	502·35	502·25	501·05	500·65	499·85	500·85	501·95	501·25	500·95	500·85
10	501·35	504·25	502·75	502·25	501·05	500·55	499·85	500·95	501·85	501·25	500·95	500·85
11	501·35	503·95	502·65	502·75	501·05	500·45	499·95	500·95	501·75	501·25	500·95	500·85
12	501·25	504·05	502·55	502·55	501·05	500·45	500·35	500·85	501·65	501·25	500·95	500·95
13	501·25	503·55	502·25	502·35	501·05	500·45	500·55	500·75	501·45	501·15	500·95	500·95
14	501·25	503·45	502·25	502·25	501·05	500·45	500·75	500·75	501·35	501·15	500·95	500·95
15	501·35	503·35	501·85	502·15	501·05	500·35	500·75	500·75	501·45	501·15	500·95	500·95
16	501·45	503·25	501·85	502·05	500·95	500·25	500·65	500·85	501·35	501·15	500·95	500·95
17	501·55	503·05	501·65	501·85	500·85	500·25	500·65	501·15	501·25	501·15	500·95	500·95
18	501·75	502·95	501·75	501·85	500·85	500·15	500·65	501·55	501·15	501·15	500·95	500·95
19	501·95	502·85	501·55	501·85	500·85	500·15	500·55	501·55	501·15	501·15	500·95	500·75
20	502·55	502·85	501·65	501·75	500·85	500·15	500·55	501·65	501·15	501·15	500·95	500·75
21	503·15	502·85	501·85	501·65	500·85	500·15	500·55	501·75	501·15	501·15	500·95	500·75
22	503·25	502·75	501·95	501·65	500·85	500·05	500·45	501·75	501·15	501·15	500·95	500·75
23	503·35	502·75	502·15	501·65	500·85	499·95	500·45	501·75	501·05	501·15	500·95	500·75
24	503·45	502·75	502·55	501·55	500·85	499·95	500·45	501·75	501·05	501·15	500·95	500·75
25	503·55	502·75	502·65	501·45	500·75	499·95	500·35	501·65	501·05	501·15	500·95	500·65
26	503·75	502·55	503·05	501·35	500·65	499·95	500·35	501·55	501·05	501·15	500·95	500·65
27	504·05	502·55	503·05	501·35	500·55	499·85	500·35	501·55	501·05	501·15	500·95	500·65
28	504·55	502·55	502·95	501·35	500·55	499·85	500·35	501·55	501·15	501·15	500·95	500·65
29	504·75	502·55	502·85	501·35	500·55	499·85	500·35	501·55	501·25	501·15	.....	500·65
30	504·95	502·55	503·05	501·35	500·45	499·85	500·35	501·55	501·15	501·15	.....	500·65
31	.....	502·55	.....	501·35	500·45	.....	500·35	.....	501·05	501·15	.....	500·65

Elevations above M.S.L. of Ottawa River at La Passe, for 1905.

TABLE No. 143.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												
2												
3												344·01
4												
5												
6												
7												343·91
8												
9												
10												343·86
11												
12												
13												
14												343·76
15												
16												
17											344·21	343·71
18												
19												
20												
21											344·11	343·71
22												
23												
24											344·11	343·66
25												
26												
27												
28											344·06	343·76
29												
30												
31												344·26

Elevations above M.S.L. of Ottawa River at La Passe, for 1905–06.

TABLE No. 144.

1	344·66	346·91	349·86	347·16	346·06	344·11		344·61	344·46	344·36		
2		347·31	349·76		346·01	344·11	343·76	344·56	344·71	344·31		
3	345·31	347·61	349·56	346·96	345·86		343·71	344·51		344·26		
4	345·66	347·81		346·86	345·76	344·11	343·66	344·46	344·71	344·26		
5	346·01	348·01	349·91	346·71	345·66	344·11	343·66		344·66	344·26		
6	346·26	348·26	349·41	346·56		344·16	343·66	344·36	344·61	344·31		
7	346·91		349·31	346·46	345·61	344·21	343·61	344·36	344·56			
8	346·56	348·76	349·41	346·41	345·56	344·21		344·36	344·56	344·11		
9		349·11	349·36		345·36	344·26	343·51	344·41	344·51	344·11		
10	346·41	349·51	349·31	346·36	345·26		343·46	344·41		344·06		
11	346·26	349·76		346·26	345·16	344·21	343·46	344·36	344·41	344·06		
12	346·26	350·26	349·11	346·21	345·11	344·21	343·51		344·41	344·01		
13	346·31	350·26	349·06	346·16		344·16	343·56	344·36	344·41	344·01		
14	346·46		349·11	346·26	344·96	344·11	343·61	344·31	344·41			
15	346·46	350·21	349·11	346·36	344·86	344·06		344·26	344·36	344·01		
16		350·11	349·06		344·76	344·01	343·81	344·21	344·36	344·01		
17	346·66	350·16	349·01	346·26	344·76		343·86	344·21		344·01		
18	346·61	350·21		346·26	344·76	344·26	343·91	344·21	344·31	344·01		
19	346·51	350·56	348·96	346·26	344·76	344·31	343·96		344·31	344·01		
20	346·41	350·66	348·86	346·26		344·36	344·06	344·26	344·26	344·01		
21	346·31		348·66	346·26	344·61	344·41	344·31	344·21	344·21			
22	346·21	350·61	348·51	346·21	344·51	344·41		344·21	344·31	344·26		
23		350·51	348·36		344·46	344·36	344·76	344·21	344·36	344·31		
24	346·11	350·41	348·21	346·11	344·41		344·91	344·21		344·31		
25	346·06	350·31		346·06	344·36	344·26	344·91	344·26	344·31	344·31		
26	346·01	350·31	347·91	346·01	344·31	344·16	344·91		344·26	344·31		
27	346·01	350·21	347·76	346·01		344·06	344·91	344·26	344·26	344·26		
28	346·06		347·66	346·01	344·11	343·96	344·91	344·26	344·26			
29	346·11	350·11	347·51	346·01	344·06	343·91		344·26	344·31			
30		350·06	347·36		344·01	343·86	344·76	344·26	344·36			
31		350·01		346·01	344·01		344·66					

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at La Passe, for 1911–12.

TABLE No. 145.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	.....	.....	.....	342·40	342·60	344·60	346·25	344·55	344·10
2	.....	.....	.....	.....	.....	.....	342·40	342·65	344·60	346·15	344·55	344·10
3	.....	.....	.....	.....	.....	.....	342·35	342·75	.....	346·10	344·50	.....
4	.....	.....	.....	.....	.....	.....	342·45	342·85	344·75	346·00	.....	344·20
5	.....	.....	.....	.....	.....	.....	342·45	.....	344·90	345·95	344·45	344·25
6	.....	.....	.....	.....	.....	.....	342·45	342·95	345·05	345·75	344·45	344·25
7	.....	.....	.....	.....	.....	.....	342·40	343·05	345·35	.....	344·45	344·30
8	.....	.....	.....	.....	.....	.....	.....	343·15	345·55	345·65	344·38	344·30
9	.....	.....	.....	.....	.....	.....	342·40	343·35	345·55	345·55	344·40	344·30
10	.....	.....	.....	.....	.....	.....	342·40	343·45	.....	345·45	344·40	.....
11	.....	.....	.....	.....	.....	.....	342·35	343·55	345·25	345·40	.....	344·35
12	.....	.....	.....	.....	.....	.....	342·35	.....	345·15	345·35	344·15	344·35
13	.....	.....	.....	.....	.....	.....	342·25	343·65	345·05	345·35	344·15	344·35
14	.....	.....	.....	.....	.....	.....	342·25	343·75	345·05	.....	344·10	344·35
15	.....	.....	.....	.....	.....	.....	.....	343·85	345·05	345·20	344·10	344·35
16	.....	.....	.....	.....	.....	.....	342·15	343·95	345·15	345·15	344·05	344·35
17	.....	.....	.....	.....	.....	.....	342·15	343·95	.....	345·10	344·05	.....
18	.....	.....	.....	.....	.....	.....	342·35	344·05	345·05	345·05	.....	344·40
19	.....	.....	.....	.....	.....	.....	342·45	.....	344·95	345·00	344·00	344·40
20	.....	.....	.....	.....	.....	.....	342·45	344·35	344·85	345·00	344·00	344·40
21	.....	.....	.....	.....	.....	.....	342·55	344·45	344·75	.....	344·00	344·40
22	.....	.....	.....	.....	.....	.....	.....	344·45	344·65	344·95	344·05	344·40
23	.....	.....	.....	.....	.....	.....	342·60	344·45	344·65	344·95	344·05	344·40
24	.....	.....	.....	.....	.....	.....	342·60	344·45	.....	344·90	344·05	.....
25	.....	.....	.....	.....	.....	.....	342·55	344·45	.....	344·85	.....	344·30
26	.....	.....	.....	.....	.....	.....	342·55	.....	345·05	344·85	344·05	344·30
17	.....	.....	.....	.....	.....	.....	342·45	344·55	345·15	344·80	344·05	344·30
28	.....	.....	.....	.....	.....	342·55	342·45	344·55	345·25	.....	344·05	344·25
29	.....	.....	.....	.....	.....	342·55	.....	344·55	345·35	344·65	344·05	344·20
30	.....	.....	.....	.....	.....	342·45	342·50	344·60	345·65	344·65	.....	344·15
31	.....	.....	.....	.....	.....	.....	342·50	.....	.....	344·60	.....	.....

Elevations above M.S.L. of Ottawa River at La Passe, for 1912–13.

TABLE No. 146.

1	344·10	348·50	353·10	349·15	346·00	.....	343·80	346·00	345·60	345·75	345·65	345·75
2	344·00	348·55	.....	349·05	345·95	344·25	343·80	346·05	345·55	345·75	.....	.....
3	343·95	348·75	353·15	348·90	345·95	344·25	343·80	.....	345·60	345·75	345·55	345·90
4	343·90	349·10	353·05	348·75	.....	344·20	343·80	346·00	345·65	345·75	345·60	346·00
5	343·85	.....	352·90	348·60	345·65	344·15	343·85	345·95	345·75	.....	345·65	346·00
6	343·85	349·40	352·70	348·50	345·55	344·25	.....	346·05	345·85	345·70	345·60	345·90
7	.....	349·50	352·65	.....	345·45	344·20	343·90	346·25	345·95	345·65	345·65	345·80
8	344·15	349·60	352·55	348·05	345·35	.....	343·95	346·65	.....	345·65	345·65	345·70
9	344·55	349·75	.....	347·95	345·25	344·25	343·95	347·05	346·05	345·65	.....	.....
10	344·70	349·85	352·30	347·85	345·20	344·30	343·90	.....	346·10	345·70	345·55	345·60
11	344·95	350·00	352·10	347·75	.....	344·35	343·85	347·40	346·15	345·75	345·55	345·55
12	345·35	.....	351·95	347·65	345·25	344·40	343·85	347·40	346·20	.....	345·65	345·35
13	345·50	350·05	351·85	347·60	345·25	344·45	.....	347·25	346·30	345·70	345·65	345·25
14	.....	350·25	351·60	.....	345·30	344·50	343·95	347·15	346·30	345·75	345·70	345·30
15	345·75	350·55	351·45	347·55	345·25	.....	344·00	347·05	.....	345·90	345·75	345·20
16	346·00	350·85	.....	347·50	345·20	344·30	344·05	346·90	346·30	345·90	.....	.....
17	346·35	351·05	351·35	347·40	345·15	344·25	344·05	.....	346·25	345·95	345·75	345·20
18	346·65	351·35	351·45	347·20	.....	344·20	344·10	346·70	346·15	346·00	345·65	345·20
19	347·05	.....	351·45	347·15	344·95	344·15	344·20	346·40	346·15	.....	345·65	345·25
20	347·45	351·60	351·35	347·05	344·85	344·05	.....	346·30	346·15	346·00	345·65	345·35
21	.....	351·60	351·20	.....	344·75	344·00	344·20	346·20	.....	346·05	345·60	345·65
22	347·65	351·65	351·05	346·95	344·65	.....	344·20	346·10	346·15	345·95	345·55	345·95
23	347·85	351·65	.....	346·80	344·55	343·70	344·40	346·10	346·05	345·85	.....	.....
24	348·10	351·75	350·70	346·70	344·45	343·75	344·55	.....	346·00	345·80	345·45	346·35
25	348·20	352·10	350·50	346·55	.....	343·70	344·95	346·05	.....	345·75	345·50	346·70
26	348·30	.....	350·30	346·45	344·60	343·65	345·20	346·00	345·95	.....	345·55	347·05
27	348·40	352·55	350·10	346·35	344·65	343·60	.....	345·95	345·90	345·70	345·60	347·45
28	.....	352·65	349·90	.....	344·55	343·70	345·55	345·95	345·85	345·70	345·65	347·70
29	348·45	352·75	349·75	346·25	344·45	.....	345·70	345·85	.....	345·65	.....	347·80
30	348·45	352·90	.....	346·15	344·35	343·75	345·80	345·75	345·80	345·65	.....	.....
31	.....	353·05	.....	346·05	344·25	.....	345·90	.....	345·80	345·65	.....	347·90

Elevations above M.S.L. of Ottawa River at La Passe, for 1913–14.

TABLE No. 147.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	348·00	351·38	.....	345·83	344·43	343·93	343·18	344·38	347·38	346·48	.....	.....
2	348·05	352·23	349·53	345·73	344·43	343·93	343·08	.....	347·38	346·38	344·93	344·73
3	348·20	352·73	349·43	345·63	.....	343·88	343·08	344·38	347·38	346·33	344·88	344·83
4	348·40	.....	349·33	345·53	344·33	343·83	342·98	344·38	347·33	.....	344·93	344·78
5	348·50	353·03	349·23	345·43	344·28	343·78	.....	344·38	347·33	346·13	344·93	344·73
6	.....	352·98	349·13	.....	344·23	343·73	343·03	344·38	347·38	346·08	344·93	344·68
7	348·65	352·93	349·03	345·43	344·23	.....	343·03	344·33	.....	346·03	344·98	344·63
8	348·70	352·78	.....	345·28	344·18	343·68	343·03	344·33	347·38	345·93	.....	.....
9	348·55	352·68	348·88	345·18	344·18	343·63	343·03	.....	347·38	345·83	345·08	344·53
10	348·30	352·53	348·88	345·08	.....	343·58	342·98	344·63	347·38	345·83	345·03	344·53
11	347·90	.....	348·83	345·03	344·03	343·48	342·98	344·78	347·33	.....	345·03	344·58
12	347·80	352·43	348·78	344·98	344·03	343·43	.....	345·38	347·28	345·68	345·08	344·63
13	.....	352·28	348·73	.....	344·03	343·43	343·18	345·43	347·23	345·48	345·08	344·73
14	347·90	352·18	348·63	344·93	343·98	.....	343·08	345·68	.....	345·53	345·13	344·83
15	348·05	352·08	.....	344·93	343·98	343·38	343·08	345·78	346·93	345·58	.....	.....
16	348·03	351·83	348·53	344·93	343·93	343·33	343·08	.....	346·88	345·53	345·08	344·93
17	348·18	351·78	348·48	344·88	.....	343·28	343·08	345·73	346·83	345·48	345·13	344·98
18	348·43	.....	348·43	344·83	343·88	343·33	343·08	345·68	346·83	.....	345·18	345·03
19	348·58	351·53	348·28	344·83	343·83	343·33	.....	345·63	346·78	345·28	345·23	345·03
20	.....	351·28	348·08	.....	343·78	343·28	343·08	345·63	346·78	345·28	345·13	344·93
21	348·78	351·03	347·93	344·78	343·73	.....	343·13	345·63	.....	345·33	345·13	344·93
22	348·83	350·93	.....	344·73	343·73	343·33	343·18	345·68	346·78	345·28	.....	.....
23	348·73	350·83	347·28	344·68	343·73	343·43	343·23	.....	346·78	345·18	344·93	344·83
24	348·63	350·78	346·98	344·63	.....	343·43	343·28	346·18	346·83	345·18	344·93	344·78
25	348·73	.....	346·73	344·63	343·68	343·38	343·43	346·43	346·88	.....	344·93	344·73
26	348·78	350·63	346·58	344·58	343·73	343·33	.....	346·93	346·93	344·93	344·93	344·63
27	.....	350·43	346·43	.....	343·78	343·33	343·78	347·23	346·93	344·93	344·93	344·68
28	349·23	350·33	346·28	344·53	343·83	.....	343·93	347·23	.....	344·88	344·83	344·63
29	349·73	350·13	.....	344·53	343·93	343·28	344·08	347·18	346·88	344·83	.....	.....
30	350·53	350·03	345·93	344·48	343·93	343·23	344·18	.....	346·78	344·78	.....	344·73
31	.....	349·93	.....	344·48	.....	.....	344·28	.....	346·63	344·78	.....	344·78

Elevations above M.S.L. of Ottawa River at La Passe, for 1914–15.

TABLE No. 148.

1	344·83	348·43	347·03	346·63	343·54	342·09	341·55	341·31	342·14	342·41	342·56	342·55
2	344·93	348·73	346·93	346·63	.....	342·08	341·53	341·31	342·18	342·43	342·58	342·53
3	344·93	.....	346·88	346·58	343·40	342·07	341·53	341·31	342·20	342·43	342·60	342·48
4	344·93	349·03	346·83	346·45	343·33	342·08	341·51	341·32	342·23	342·41	342·63	342·43
5	.....	349·13	346·83	.....	343·23	342·08	341·48	341·32	342·26	342·38	342·58	342·33
6	344·83	349·18	346·73	346·28	343·15	342·06	341·40	341·33	342·28	342·38	342·53	342·23
7	344·73	349·23	.....	346·13	343·12	342·00	341·38	341·33	342·30	342·41	342·51	342·21
8	344·63	349·28	346·88	345·98	343·04	342·00	341·38	341·35	342·35	342·41	342·53	342·18
9	344·53	349·38	346·83	345·78	342·96	342·01	341·38	341·38	342·39	342·40	342·53	342·18
10	344·43	.....	346·78	345·61	342·93	342·01	341·45	341·38	342·45	342·38	342·63	342·13
11	344·33	349·53	346·73	345·63	342·93	342·00	341·52	341·38	342·48	342·38	342·63	342·12
12	.....	349·53	346·63	.....	342·92	341·96	341·53	341·35	342·48	342·40	342·63	342·08
13	344·13	349·53	346·53	345·58	342·87	341·95	341·51	341·35	342·48	342·40	342·63	342·08
14	344·03	349·53	.....	345·43	342·82	341·93	341·50	341·35	342·48	342·38	342·61	342·06
15	343·93	349·53	346·33	345·33	342·78	341·92	341·42	341·38	342·48	342·38	342·61	342·03
16	343·83	349·48	346·23	345·23	.....	341·92	341·38	341·46	342·43	342·38	342·58	341·98
17	343·78	.....	346·53	345·13	342·65	341·92	341·38	341·60	342·43	342·36	342·58	341·98
18	343·78	349·13	346·68	345·03	342·61	341·92	341·40	341·71	342·40	342·36	342·55	341·98
19	.....	348·73	347·08	.....	342·57	341·92	341·42	341·80	342·36	342·43	342·53	341·96
20	344·33	348·23	347·26	344·83	342·52	341·90	341·43	341·91	342·33	342·43	342·51	341·93
21	344·93	348·08	.....	344·73	342·47	341·87	341·43	342·01	342·28	342·49	342·48	341·88
22	345·43	347·93	347·26	344·58	342·45	341·84	341·42	342·10	342·28	342·54	342·43	341·83
23	346·13	347·73	347·11	344·43	342·43	341·83	341·41	342·15	342·28	342·54	342·45	341·88
24	346·33	.....	347·03	344·38	342·41	341·80	341·38	342·13	342·28	342·54	342·51	341·93
25	346·53	347·63	346·98	344·23	342·38	341·80	341·36	342·15	342·31	342·54	342·61	341·98
26	.....	347·63	346·85	.....	342·30	341·73	341·35	342·19	342·33	342·53	342·63	342·03
27	346·88	347·58	346·75	344·08	342·22	341·73	341·32	342·19	342·33	342·53	342·63	342·03
28	347·18	347·43	.....	343·93	342·17	341·68	341·29	342·17	342·33	342·51	342·58	341·98
29	347·58	347·23	346·68	343·81	343·13	341·63	341·29	342·14	342·33	342·48	.....	341·93
30	347·93	347·13	346·68	343·73	342·13	341·61	341·31	342·09	342·36	342·48	.....	341·88
31	.....	.....	.....	343·65	342·12	.....	341·31	.....	342·38	342·53	.....	341·83

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Bryson, Que., for 1905.

TABLE No. 149.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												
2												
3												341·14
4												
5												
6												
7												341·04
8												
9												
10												341·04
11												
12												
13												341·04
14											341·34	
15												
16												
17											341·34	341·04
18												
19												
20												
21											341·34	340·94
22												
23												
24											341·34	340·89
25												
26												
27												340·94
28											341·34	340·94
29												341·04
30												341·24
31												341·44

Elevations above M.S.L. of Ottawa River at Bryson, Que., for 1905–06.

TABLE No. 150.

1	341·54	344·09	345·89	344·14	343·54	342·34	342·29	342·54	341·54	341·84		341·04
2	341·99	344·24	345·79	344·04	343·47	342·29	342·24	342·49	341·54	341·84		341·04
3	342·14	344·44	345·69	343·99	343·39	342·29	342·19	342·44	341·64	341·84		341·04
4	342·34	344·64	345·64	343·94	343·34	342·29	342·14	342·39	341·84	341·84		341·09
5	342·54	344·74	345·64	343·84	343·34	342·34	342·14	342·44	341·84	341·74		341·14
6	342·74	344·89	345·64	343·74	343·29	342·39	342·09	342·49	342·14	341·74		341·19
7	342·94	345·04	345·59	343·69	343·24	342·44	342·09	342·49	342·14	341·74		341·21
8	343·19	345·24	345·59	343·69	343·19	342·44	342·04	342·49	342·14	341·74		341·24
9	343·44	345·44	345·54	343·74	343·14	342·44	341·99	342·49	342·14	341·69		341·29
10	343·44	345·64	345·54	343·74	343·04	342·44	341·94	342·49	342·04	341·54	341·14	341·34
11	343·64	345·84	345·49	343·69	342·99	342·44	342·04	342·49	342·04	341·44	341·14	341·44
12	343·64	346·04	345·44	343·64	342·94	342·39	342·09	342·49	342·04	341·44	341·09	341·39
13	343·64	346·14	345·44	343·59	342·94	342·34	342·14	342·44	341·94	341·44	341·09	341·54
14	343·69	346·14	345·34	343·59	342·89	342·29	342·14	342·39	341·94	341·44	341·09	341·54
15	343·74	346·14	345·39	343·54	342·79	342·24	342·14	342·34	341·94	341·44	340·94	341·54
16	343·74	346·14	345·44	343·34	342·74	342·24	342·14	342·39	341·74	341·34	340·94	341·59
17	343·84	346·16	345·39	343·34	342·69	342·24	342·19	342·44	341·74	341·34	340·94	341·56
18	343·84	346·29	345·44	343·34	342·64	342·44	342·24	342·49	341·84	341·34	340·94	341·54
19	343·74	346·49	345·34	343·34	342·64	342·44	342·34		341·79	341·34	340·94	341·54
20	343·74	346·64	345·24	343·34	342·64	342·54	342·34	342·44	341·79	341·29	340·94	341·49
21	343·64	346·64	345·14	343·59	342·64	342·39	342·34	342·39	341·69	341·34	340·99	341·44
22	343·59	346·64	345·04	343·54	342·59	342·36	342·64	342·34	341·69	341·54	340·99	341·44
23	343·54	346·64	344·94	343·54	342·54	342·34	342·69	342·34	341·69	341·74	340·99	341·39
24	343·49	346·49	344·84	343·59	342·51	342·44	342·74	342·34	341·69	341·84	341·01	341·39
25	343·44	346·34	344·69	343·59	342·46	342·49	342·74	342·24	341·69	341·94	341·01	341·39
26	343·44	346·29	344·59	343·59	342·44	342·41	342·79	342·34	341·69	341·94	341·01	341·44
27	343·44	346·19	344·54	343·59	342·44	342·39	342·79	342·34	341·74	341·94	341·01	341·48
28	343·44	346·14	344·44	343·59	342·44	342·36	342·84	342·34	341·74	341·94	341·04	341·51
29	343·54	346·14	344·34	343·64	342·41	342·31	342·79	342·04	341·84	341·94		341·54
30	343·79	346·09	344·24	343·64	342·44	342·34	342·69	341·54	341·84	341·89	———	341·56
31		345·99		343·64	342·39		342·59		341·84	341·84		341·59

Elevations above M.L.S. of Ottawa River at Bryson, Que., for 1906.

TABLE No. 151.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	341 64	345·49	346·84	345·74	343·19	341·84	341·34	341·59	342·04	.....	.....	.....
2	341·74	345·54	346·84	345·59	343·14	341·84	341·34	341·54	341·74	.....	.....	.....
3	341·89	345·74	346·74	345·34	343·09	341·84	341·34	341·54	341·54	.....	.....	.....
4	341·99	346·04	346·64	345·24	343·04	341·74	341·34	341·54	341·44	.....	.....	.....
5	342·14	346·24	346·54	345·14	343·14	341·69	341·34	341·54	341·34	.....	.....	.....
6	342·34	346·54	346·44	345·04	343·24	341·64	341·34	341·54	341·24	.....	.....	.....
7	342·64	346·69	346·64	344·94	343·19	341·64	341·34	341·59	340·84	.....	.....	.....
8	342·74	346·84	346·84	344·74	343·09	341·54	341·34	341·59	340·74	.....	.....	.....
9	343·04	347·04	346·94	344·84	342·99	341·44	341·34	341·59	340·74	.....	.....	.....
10	343·04	347·19	346·89	344·64	342·84	341·44	341·34	341·64	340·74	.....	.....	.....
11	343·14	347·34	346·94	344·54	342·74	341·39	341·29	341·64	340·76	.....	.....	.....
12	343·19	347·44	346·94	344·44	342·74	341·34	341·29	341·69	340·79	.....	.....	.....
13	343·19	347·54	346·99	344·34	342·69	341·29	341·29	341·69	340·79	.....	.....	.....
14	343·24	347·54	346·94	344·19	342·64	341·46	341·34	341·71	340·84	.....	.....	.....
15	343·24	347·54	346·91	344·09	342·59	341·51	341·34	341·74	340·84	.....	.....	.....
16	343·29	347·64	346·89	344·04	342·54	341·34	341·34	341·74	340·86	.....	.....	.....
17	343·34	347·64	346·89	343·94	342·44	341·41	341·34	341·79	340·89	.....	.....	.....
18	343·54	347·59	346·84	343·89	342·39	341·39	341·34	341·84	340·94	.....	.....	.....
19	343·74	347·54	346·74	343·84	.....	341·39	341·42	341·84	340·99	.....	.....	.....
20	343·94	347·49	346·64	343·79	342·34	341·44	341·42	341·84	341·04	.....	.....	.....
21	344·24	347·44	346·59	343·74	342·34	341·34	341·42	341·89	341·09	.....	.....	.....
22	344·54	347·39	346·54	343·64	342·24	341·31	341·34	341·89	341·14	.....	.....	.....
23	344·84	347·34	346·64	343·54	342·19	341·44	341·44	341·91	341·14	.....	.....	.....
24	345·04	347·24	346·69	343·49	342·04	341·34	341·44	341·94	341·19	.....	.....	.....
25	345·24	347·24	346·44	343·44	342·04	341·34	341·49	341·94	341·19	.....	.....	.....
26	345·29	347·14	346·34	343·34	342·04	341·34	341·54	341·96	341·19	.....	.....	.....
27	345·34	347·14	346·24	343·29	341·99	341·34	341·54	341·99	341·24	.....	.....	.....
28	345·34	347·04	346·19	343·24	341·94	341·34	341·59	341·99	341·24	.....	.....	.....
29	345·34	346·94	345·94	343·24	341·94	341·34	341·59	342·01	341·24	.....	.....	.....
30	345·44	346·84	345·84	343·24	341·89	341·34	341·59	342·04	341·26	.....	.....	.....
31	.....	346·74	.....	343·21	341·84	.....	341·59	.....	341·29	.....	.....	.....

Gauge Heights, in feet of Bonnechère River at Renfrew above Lower Dam, for 1913–14.

TABLE No. 152.

1	.....	9·4	8·6	7·7	7·1	7·4	5·8	6·5	7·3	7·0	7·5	7·9
2	.....	9·4	8·5	7·6	7·1	7·0	6·9	7·0	7·3	7·0	7·5	7·8
3	.....	9·4	8·5	7·6	7·1	6·9	6·9	6·9	7·3	6·9	7·5	7·9
4	.....	9·3	8·5	7·6	7·1	7·0	5·9	7·0	7·3	6·8	7·4	7·9
5	.....	9·2	8·4	7·6	7·0	7·0	5·4	6·5	7·3	6·8	7·5	7·9
6	10·15	9·5	8·4	7·6	6·9	7·1	6·9	7·0	7·1	7·0	7·4	7·9
7	9·95	9·5	8·4	7·6	6·7	6·0	6·9	6·9	7·3	7·0	7·5	7·9
8	9·75	9·4	8·3	7·6	7·1	6·9	6·9	7·0	7·3	6·9	7·5	7·8
9	9·75	9·4	8·3	7·5	7·0	7·0	7·0	7·0	7·3	7·0	7·5	7·8
10	9·80	9·4	8·2	7·5	7·2	7·0	2·0	7·0	7·3	6·9	7·8	7·8
11	9·95	8·9	8·2	7·5	7·1	7·0	2·0	7·0	7·3	6·9	7·9	7·8
12	10·15	8·8	8·2	7·5	7·1	7·0	7·0	7·0	7·3	7·0	7·9	7·8
13	10·20	8·7	8·2	7·5	7·2	7·0	7·0	7·0	7·3	6·9	8·0	7·8
14	9·95	8·6	8·2	7·5	7·0	0·0	7·0	7·0	7·3	7·0	8·0	7·8
15	10·00	8·5	8·2	7·0	7·1	7·0	0·0	7·0	7·3	7·0	7·9	7·8
16	9·9	8·6	8·4	7·1	6·9	7·0	7·0	7·0	7·3	6·9	7·8	7·4
17	9·9	8·8	8·0	7·3	5·8	6·9	7·0	7·0	7·3	6·8	7·9	7·4
18	9·8	8·8	7·9	7·1	6·9	6·9	6·9	7·0	7·3	6·8	7·8	7·4
19	9·8	8·7	7·9	7·2	6·3	6·9	7·0	7·1	7·3	6·7	7·9	7·4
20	9·9	8·7	7·9	7·3	6·0	6·9	7·0	7·2	7·3	6·7	7·8	7·4
21	9·7	8·7	7·9	7·3	6·8	0·0	7·0	7·2	7·3	2·0	7·8	7·4
22	9·7	8·7	7·9	7·3	6·9	0·0	7·0	7·3	7·3	6·8	7·7	7·4
23	9·7	8·7	7·9	7·2	7·0	0·0	7·0	7·3	7·2	5·4	7·8	7·4
24	9·7	8·7	7·9	7·2	6·9	2·0	7·0	7·3	7·1	7·0	7·7	7·4
25	9·6	8·6	7·9	7·2	7·0	3·0	7·0	7·3	7·2	7·0	7·7	7·4
26	9·7	8·6	7·9	7·2	6·9	6·9	7·0	7·3	7·0	7·0	7·7	7·4
27	9·7	8·6	7·8	7·2	6·8	7·0	7·0	7·3	6·8	7·0	7·8	8·7
28	9·6	8·6	7·8	7·1	6·8	6·9	7·0	7·2	6·8	7·0	7·9	8·9
29	9·5	8·6	7·8	7·2	6·7	6·9	7·0	7·3	6·9	7·0	.....	8·9
30	9·5	8·6	7·7	7·2	6·7	6·9	7·0	7·3	6·8	7·1	.....	8·9
31	.....	8·6	.....	7·0	5·7	.....	7·0	.....	6·9	7·3	.....	8·6

SESSIONAL PAPER No. 19a

Gauge Height, in feet, of Bonnechère River at Renfrew above Lower Dam, for 1914.

TABLE No. 153.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	8·2	9·0	7·9	7·4	6·8	7·0	6·0	7·0	6·9	.....	.....	.....
2	8·0	9·8	7·8	7·3	7·2	6·9	6·6	7·0	7·0	.....	.....	.....
3	8·0	10·0	7·8	7·3	6·8	6·8	6·7	7·0	6·4	.....	.....	.....
4	8·0	10·0	7·9	7·2	6·9	6·9	6·6	7·0	6·8	.....	.....	.....
5	8·2	10·0	8·0	7·0	6·9	6·7	6·7	6·9	6·6	.....	.....	.....
6	8·0	9·7	7·9	7·1	6·8	6·9	6·8	6·7	7·0	.....	.....	.....
7	8·0	9·8	7·9	7·3	6·8	7·0	6·9	7·0	6·4	.....	.....	.....
8	8·0	9·7	7·9	7·2	6·8	7·1	6·0	7·0	7·0	.....	.....	.....
9	8·0	9·8	7·9	7·0	7·1	7·0	6·8	6·9	6·8	.....	.....	.....
10	8·0	9·6	7·8	7·2	7·0	7·3	6·9	6·7	6·6	.....	.....	.....
11	8·0	9·0	7·9	7·0	4·7	7·0	6·8	6·8	5·6	.....	.....	.....
12	8·2	9·8	7·8	7·6	5·6	7·0	6·7	6·6	6·6	.....	.....	.....
13	8·0	9·8	7·9	7·5	3·9	7·0	6·8	6·8	6·8	.....	.....	.....
14	8·0	10·0	7·8	7·6	6·9	7·1	6·9	6·7	6·6	.....	.....	.....
15	8·0	9·9	7·9	7·6	5·7	7·0	6·8	6·8	6·6	.....	.....	.....
16	8·0	9·8	7·8	7·6	7·1	6·8	6·5	6·8	6·4	.....	.....	.....
17	8·3	10·0	7·9	7·6	6·0	7·0	6·8	6·7	6·8	.....	.....	.....
18	8·5	10·0	7·8	7·5	5·9	6·8	7·0	5·4	6·8	.....	.....	.....
19	8·6	9·7	7·9	7·5	7·1	6·9	6·8	7·0	6·8	.....	.....	.....
20	9·0	9·8	7·8	7·4	5·7	6·7	6·3	6·7	7·0	.....	.....	.....
21	9·0	10·0	7·3	7·1	7·3	7·1	6·4	4·9	7·0	.....	.....	.....
22	9·0	10·0	7·4	7·3	6·2	7·1	6·0	7·0	7·0	.....	.....	.....
23	8·7	9·8	7·3	7·3	7·0	7·0	6·2	7·0	7·0	.....	.....	.....
24	8·8	9·9	7·4	7·3	6·8	7·0	6·9	6·6	7·1	.....	.....	.....
25	8·7	8·7	7·9	7·2	6·9	7·0	6·8	6·8	7·3	.....	.....	.....
26	8·5	8·8	7·3	7·5	7·2	6·8	6·9	6·9	7·1	.....	.....	.....
27	8·5	9·8	7·4	7·0	6·9	6·9	6·7	6·9	7·1	.....	.....	.....
28	8·7	9·9	7·3	7·1	7·0	7·1	6·4	6·5	7·0	.....	.....	.....
29	8·7	9·8	7·4	6·8	6·8	7·0	6·8	6·9	7·0	.....	.....	.....
30	9·0	9·8	7·3	6·6	7·0	5·0	6·3	6·6	7·0	.....	.....	.....
31	.....	7·8	.....	6·7	6·8	.....	6·4	.....	7·2	.....	.....	.....

Elevations above M.L.S. of Bonnechère River below Renfrew, for 1914–15.

TABLE No. 154.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·0	282·9	283·2
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·3	283·2	283·0
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·0	283·3	283·3
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·0	283·0	283·1
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·3	283·0	283·2
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·2	283·3	283·0
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·2	283·3	283·3
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·3	283·3	283·2
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·3	283·2	283·1
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·1	283·3	282·9
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·1	283·3	283·0
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·1	283·1	283·1
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·1	283·0	283·3
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·0	283·1	283·8
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·0	282·9	283·5
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	283·0	283·0	283·4
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	282·9	283·0	283·2
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	282·9	283·3	283·1
19	.....	.....	.....	.....	.....	.....	.....	.....	282·9	283·0	282·9	283·4
20	.....	.....	.....	.....	.....	.....	.....	.....	282·8	283·0	283·0	283·5
21	.....	.....	.....	.....	.....	.....	.....	.....	283·0	282·9	283·2	283·6
22	.....	.....	.....	.....	.....	.....	.....	.....	282·9	283·0	283·0	283·9
23	.....	.....	.....	.....	.....	.....	.....	.....	282·7	283·3	282·9	284·3
24	.....	.....	.....	.....	.....	.....	.....	.....	282·9	283·0	284·6	283·5
25	.....	.....	.....	.....	.....	.....	.....	.....	283·1	283·0	284·6	284·0
26	.....	.....	.....	.....	.....	.....	.....	.....	283·1	283·0	283·4	284·0
27	.....	.....	.....	.....	.....	.....	.....	.....	283·1	283·0	283·3	283·8
28	.....	.....	.....	.....	.....	.....	.....	.....	283·1	283·0	283·2	284·0
29	.....	.....	.....	.....	.....	.....	.....	.....	283·1	282·9	.....	283·5
30	.....	.....	.....	.....	.....	.....	.....	.....	282·9	283·0	.....	283·3
31	.....	.....	.....	.....	.....	.....	.....	.....	283·1	283·0	.....	283·5

Elevations above M.S.L. of Ottawa River at Arnprior, for 1905.

TABLE No. 155.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												
2												
3											239·17	238·75
4												
5												
6												
7											239·00	238·67
8												
9												
10											239·00	238·59
11												
12												
13												
14											238·92	238·50
15												
16												
17											238·92	238·50
18												
19												
20												
21											238·84	238·50
22												
23												
24										239·42	238·84	
25												238·50
26												
27										239·25		
28											238·84	238·92
29												
30												
31										239·17		240·50

Elevations above M.S.L. of Ottawa River at Arnprior, for 1905–06.

TABLE No. 156.

1	240·67	241·75	243·42	241·92	241·42	240·17		240·42	240·83	239·92	240·92	240·17
2		241·92	243·34		241·33	240·09	239·92	240·33	240·42	239·92	240·92	240·17
3	241·00	242·17	243·25	241·67	241·25		239·84	240·33		239·92		240·09
4	241·42	242·25		241·67	241·25	240·09	239·84	240·25	240·25	239·92		
5	241·50	242·42	243·17	241·67	241·17	240·09	239·84		240·25	239·92		240·00
6	241·92	242·42	243·17	241·42		240·17	239·75	240·33	240·25	239·92		240·00
7	242·00	242·84	243·09	241·33	241·09	240·17	239·67	240·33	240·25			239·92
8	242·08		243·09	241·33	240·92	240·17		240·33	240·17	239·92		239·92
9		243·00	243·00		240·84	240·17	239·67	240·33	240·17	239·83		239·92
10	242·17	243·17	243·00	241·25	240·84		239·59	240·33		239·75		239·92
11	242·25	243·42		241·25	240·75	240·17	239·67	240·25	240·09	239·67		
12	242·34	243·58	243·00	241·17	240·67	240·09	239·67		240·00	239·67		239·75
13	242·17	243·42	243·09	241·17		240·09	239·67	240·25	240·00	239·67	240·09	239·75
14	242·08		243·09	241·17	240·59	240·00	239·67	240·42	240·00		240·09	239·75
15	242·08	243·42	243·09	241·17	240·59	240·00		240·42	239·92	239·67	240·09	239·75
16		243·42	243·09		240·50	240·00	239·67	240·42	239·92	239·67	240·00	239·67
17	242·08	243·42	243·09	241·17	240·42		239·84	240·25		239·67	240·00	239·67
18	242·08	243·42		241·17	240·42	240·42	239·92	240·25	239·84	239·67		
19	241·92	243·50	243·09	241·17	240·33	240·42	239·92		239·84	239·67	240·00	239·59
20	241·92	243·92	243·00	241·17		240·42	240·00	240·25	239·84	239·67	240·00	239·59
21	241·75		242·84	241·17	240·25	240·33	240·17	240·25	239·84		240·09	239·50
22	241·64	244·00	242·75	241·17	240·25	240·33		240·25	239·81	239·75	240·17	239·50
23		244·00	242·67		240·17	240·33	240·42	240·25	239·84	240·67	240·17	239·50
24	241·50	244·00	242·59	241·17	240·17		240·50	240·25		241·00	240·17	239·50
25	241·50	243·92		241·17	240·17	240·17	240·59	240·17	239·75	240·92		
26	241·50	243·72	242·34	241·17	240·09	240·17	240·59		239·75	240·92	240·33	239·33
27	241·42	243·72	242·17	241·17		240·09	240·67	240·25	239·75	240·92	240·25	239·67
28	241·42		242·17	241·25	240·09	240·00	240·59	240·25	239·75		240·25	239·92
29	241·50	243 67	42·09	241·25	240·00	240·00		240·59	239·83	240·92		239·92
30		243·58	242·00		240·00	239·92	240·50	240·59	239·92	240·92		240·00
31		243·50		241·33	240·00		240·50			240·92		240·09

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Arnprior, for 1906.

TABLE No. 157.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	243·09	244·17	.....	240·75	239·42	238·59	239·00	239·84	.....	.....	.....
2	240·17	243·09	244·17	243·42	240·75	.....	238·59	239·00	.....	.....	.....	.....
3	240·25	243·09	.....	243·34	240·67	239·34	238·59	239·00	239·67	.....	.....	.....
4	240·42	243·42	243·92	243·17	240·67	239·25	238·59	.....	239·67	.....	.....	.....
5	240·50	243·67	243·83	243·09	.....	239·25	238·59	239·00	239·67	.....	.....	.....
6	240·59	.....	243·83	242·92	240·50	239·17	238·59	239·00	239·67	.....	.....	.....
7	240·67	243·83	243·75	242·75	240·42	239·17	.....	239·09	239·67	.....	.....	.....
8	.....	243·92	243·92	.....	240·42	239·09	238·50	239·09	239·59	.....	.....	.....
9	240·92	244·17	243·92	242·67	240·42	.....	238·50	239·09	.....	.....	.....	.....
10	241·00	244·25	.....	242·42	240·42	239·00	238·50	239·09	239·50	.....	.....	.....
11	241·09	244·42	244·17	242·34	240·42	238·92	238·50	.....	239·50	.....	.....	.....
12	241·09	244·59	244·17	242·17	.....	238·92	238·50	239·17	239·50	.....	.....	.....
13	241·09	.....	244·34	242·09	240·25	238·92	238·50	239·17	239·50	.....	.....	.....
14	241·09	244·59	244·34	241·92	240·17	238·84	.....	239·25	239·50	.....	.....	.....
15	.....	244·67	244·25	.....	240·17	238·75	238·50	239·25	239·50	.....	.....	.....
16	241·17	244·83	244·25	241·75	240·17	.....	238·59	239·25	.....	.....	.....	.....
17	241·17	244·92	.....	241·67	240·09	238·75	238·59	239·25	239·50	.....	.....	.....
18	241·33	244·92	244·25	241·59	240·00	238·75	238·59	.....	239·50	.....	.....	.....
19	241·50	244·83	244·25	241·42	.....	238·75	238·59	239·25	239·50	.....	.....	.....
20	241·67	.....	244·25	241·42	240·00	238·75	238·67	239·34	239·50	.....	.....	.....
21	241·92	244·67	244·17	241·34	239·92	238·67	.....	239·34	239·50	.....	.....	.....
22	.....	244·67	244·09	.....	239·84	238·67	238·67	239·34	239·42	.....	.....	.....
23	242·50	244·59	244·09	241·25	239·84	.....	238·67	239·34	.....	.....	.....	.....
24	242·67	244·50	.....	241·09	239·84	238·59	238·67	239·42	239·42	.....	.....	.....
25	242·83	244·50	244·09	241·00	239·75	238·50	238·75	.....	239·25	.....	.....	.....
26	242·92	244·50	244·00	240·92	.....	238·50	238·75	239·50	239·25	.....	.....	.....
27	243·00	.....	243·92	240·92	239·67	238·50	238·75	239·67	239·25	.....	.....	.....
28	243·00	244·42	243·75	240·92	239·59	238·50	.....	239·67	239·25	.....	.....	.....
29	.....	244·34	243·75	.....	239·50	238·59	238·75	239·67	.....	.....	.....	.....
30	243·00	244·25	.....	240·92	239·50	.....	238·84	239·67	.....	.....	.....	.....
31	.....	244·17	.....	240·84	239·50	.....	238·92	.....	.....	.....	.....	.....

Elevations above M.S.L. of Ottawa River at Arnprior, for 1914–15.

TABLE No. 158.

1	240·40	242·90	241·60	241·50	239·60	238·40	238·00	237·70	238·40	238·40	238·40	238·60
2	240·60	243·10	241·50	241·40	239·50	238·40	238·00	237·70	238·40	238·40	238·40	238·50
3	240·70	243·30	241·50	241·40	239·50	238·40	238·00	237·70	238·60	238·40	238·40	238·50
4	240·70	243·40	241·50	241·30	239·30	238·40	237·90	237·70	238·60	238·40	238·40	238·50
5	240·70	243·50	241·50	241·30	239·30	238·40	237·90	237·70	238·60	238·40	238·40	238·40
6	240·60	243·50	241·50	241·30	239·20	238·30	237·80	237·70	238·60	238·40	238·50	238·40
7	240·60	243·50	241·50	241·20	239·20	238·30	237·80	237·70	238·60	238·50	238·50	238·40
8	240·60	243·50	241·60	241·10	239·20	238·30	237·80	237·70	238·70	238·50	238·50	238·30
9	240·60	243·40	241·60	241·00	239·10	238·30	237·80	237·70	238·70	238·50	238·50	238·30
10	240·60	243·40	241·50	240·90	239·10	238·30	237·90	237·70	238·70	238·50	238·50	238·30
11	240·60	243·40	241·50	240·80	239·10	238·30	237·90	237·70	238·70	238·50	238·50	238·30
12	240·50	243·40	241·50	240·80	239·00	238·30	237·80	237·70	238·70	238·50	238·50	238·30
13	240·50	243·40	241·50	240·70	239·00	238·30	.....	237·70	238·70	238·50	238·50	238·20
14	240·40	243·40	241·50	240·70	239·00	238·30	.....	237·70	238·70	238·50	238·50	238·20
15	240·40	243·40	241·50	240·60	239·00	238·30	237·80	237·80	238·70	238·50	238·50	238·20
16	240·40	243·40	241·50	240·60	239·00	238·30	237·80	237·90	238·60	238·50	238·50	238·20
17	240·40	243·20	241·50	240·60	238·90	238·30	237·80	237·90	238·60	238·50	238·40	238·20
18	240·40	243·20	241·40	240·50	238·90	238·30	237·80	237·90	238·60	238·50	238·40	238·20
19	240·50	243·00	241·50	240·40	238·80	238·30	237·80	237·90	238·50	238·50	238·40	238·20
20	240·80	242·80	241·60	240·30	238·80	238·30	237·80	238·00	238·50	238·50	238·40	238·20
21	241·10	242·60	241·60	240·30	238·80	238·30	237·80	238·10	238·50	238·50	238·40	238·30
22	241·50	242·40	241·70	240·20	238·80	238·30	237·80	238·10	238·50	238·50	238·40	238·40
23	241·70	242·30	241·80	240·10	238·70	238·30	237·80	238·20	238·50	238·50	238·40	238·50
24	241·90	242·20	241·90	240·10	238·70	238·20	237·80	238·20	238·40	238·50	238·50	238·70
25	242·10	242·20	241·80	240·00	238·70	238·20	237·70	238·20	238·40	238·50	238·60	238·90
26	242·20	242·20	241·60	240·00	238·60	238·20	237·70	238·30	238·40	238·50	238·70	238·90
27	242·30	242·10	241·50	239·90	238·60	238·20	237·70	238·40	238·40	238·50	238·70	238·80
28	242·40	242·00	241·50	239·90	238·60	238·20	237·70	238·40	238·40	238·50	238·60	238·70
29	242·50	241·90	241·50	239·90	238·50	238·10	237·70	238·40	238·40	238·50	.....	238·70
30	242·60	241·80	241·50	239·70	238·50	238·10	237·70	238·40	238·40	238·50	.....	238·60
31	.....	241·70	.....	239·60	238·40	.....	237·70	.....	238·40	238·50	.....	238·60

Elevations above M.S.L. of Madawaska River at Calabogie, for 1909–10.

TABLE No. 159.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	.....	505·4	.....	500·8	500·7	500·0	499·5	499·2	.....	499·7	499·9	499·8
2	.....	505·4	504·6	500·7	500·7	500·0	499·5	499·2	.....	499·7	499·9	499·8
3	.....	505·8	504·5	500·7	500·6	499·9	499·4	499·2	.....	499·7	499·9	499·8
4	.....	505·9	504·1	500·6	500·6	499·9	499·4	499·1	.....	499·7	499·9	499·8
5	.....	505·7	503·9	500·6	500·6	500·0	499·4	499·1	.....	499·7	499·8	499·8
6	.....	505·5	503·7	500·5	500·6	500·0	499·4	499·1	.....	499·7	499·8	499·8
7	.....	505·8	503·1	500·4	500·5	500·0	499·4	499·1	.....	499·7	499·8	499·9
8	.....	505·7	503·0	500·4	500·5	500·0	499·3	499·1	.....	499·7	499·8	499·9
9	.....	505·5	503·3	500·3	500·4	500·0	499·3	499·1	.....	499·7	499·8	499·9
10	.....	505·5	503·2	500·2	500·4	500·0	499·3	499·0	.....	499·7	499·8	499·9
11	.....	505·8	503·2	500·1	500·4	499·9	499·3	499·0	.....	499·7	499·7	499·9
12	.....	506·0	503·0	500·1	500·4	499·9	499·3	499·0	.....	499·7	499·7	499·9
13	.....	506·0	503·0	500·1	500·4	.....	499·3	499·0	.....	499·7	499·6	500·4
14	.....	505·9	502·9	500·1	500·3	499·9	499·3	499·0	.....	499·7	499·7	500·4
15	.....	505·9	502·9	500·1	500·2	499·9	499·3	499·0	.....	499·6	499·7	500·4
16	.....	505·8	502·7	500·0	500·2	499·9	499·3	498·9	.....	499·6	499·7	500·4
17	.....	505·8	502·2	500·0	500·2	499·9	499·3	498·9	.....	499·5	499·7	500·4
18	.....	505·8	502·1	500·0	500·2	499·9	499·3	498·9	.....	499·5	499·7	500·4
19	.....	505·8	502·0	499·9	500·2	499·8	499·3	498·9	.....	499·5	499·7	500·4
20	.....	505·8	501·8	500·0	500·3	499·8	499·3	498·9	.....	499·5	499·7	500·5
21	.....	505·8	501·7	500·0	500·3	499·8	499·3	498·9	.....	499·5	499·7	500·5
22	.....	505·7	501·6	500·1	500·3	499·7	499·3	.....	.....	499·6	499·7	500·6
23	.....	505·6	501·4	500·2	500·3	499·7	499·3	.....	.....	499·6	499·7	500·6
24	505·9	505·6	501·4	500·3	500·2	499·7	499·3	.....	.....	499·8	499·8	500·8
25	505·9	505·3	501·4	500·3	500·1	499·6	499·3	.....	.....	499·8	499·8	500·9
26	505·7	505·3	501·3	500·4	500·1	499·6	499·3	.....	.....	499·8	499·7	501·6
27	505·7	505·1	501·2	500·6	500·1	499·6	499·3	.....	.....	499·9	499·6	502·0
28	505·5	505·1	501·0	500·7	500·1	499·6	499·3	.....	.....	499·9	499·7	502·2
29	505·4	505·0	501·0	500·6	.....	499·5	499·3	.....	.....	499·9	.....	502·8
30	505·4	504·9	500·9	500·6	.....	499·5	499·2	.....	.....	499·9	.....	503·5
31	.....	504·8	.....	500·7	500·0	.....	499·2	.....	.....	499·9	.....	503·1

Elevations above M.S.L. of Madawaska River at Calabogie, for 1910–11.

TABLE No. 160.

1	503·8	503·1	501·0	500·1	498·5	497·8	498·2	498·3	498·3	498·1	497·8	497·7
2	503·9	503·1	500·9	500·1	498·5	497·8	498·2	498·3	498·3	498·1	497·8	497·7
3	504·1	503·0	500·8	500·0	498·5	497·8	498·2	498·3	498·3	498·1	497·8	497·7
4	504·1	503·0	500·7	499·9	498·5	497·8	498·2	498·3	498·3	498·0	497·8	497·7
5	504·2	503·1	500·7	499·8	498·4	497·8	498·2	498·2	498·3	498·0	497·8	497·7
6	504·2	503·1	500·7	499·8	498·4	497·9	498·4	498·3	498·3	498·0	497·8	497·7
7	504·2	503·0	500·7	499·7	498·4	498·0	498·7	498·3	498·2	498·0	497·8	497·7
8	504·2	503·0	500·6	499·6	498·4	498·1	498·7	498·3	498·2	498·0	497·7	497·7
9	504·2	502·9	500·6	499·6	498·4	498·3	498·7	498·2	498·3	498·0	497·6	497·7
10	504·2	502·8	500·6	499·5	498·5	498·3	498·7	498·2	498·3	498·0	497·5	497·7
11	504·1	502·8	500·5	499·5	498·5	498·4	498·5	498·2	498·2	498·1	497·1	497·7
12	504·0	502·5	500·5	499·4	498·4	498·4	498·4	498·3	498·2	498·1	497·2	497·7
13	504·0	502·4	500·4	499·4	498·3	498·4	498·4	498·3	498·2	498·0	497·2	497·7
14	503·9	502·3	500·4	499·4	498·2	498·4	498·4	498·3	498·2	498·0	497·5	497·7
15	503·8	502·3	500·3	499·3	498·2	498·5	498·4	498·3	498·2	498·0	497·6	497·7
16	503·8	502·2	500·3	499·3	498·0	498·5	498·4	498·3	498·1	498·0	497·7	497·7
17	503·7	502·2	500·3	499·2	497·9	498·4	498·4	498·3	498·1	498·0	497·7	497·7
18	503·6	502·1	500·2	499·2	497·9	498·4	498·5	498·3	498·1	498·0	497·7	497·7
19	503·5	502·1	500·2	499·1	497·9	498·4	498·5	498·3	498·1	497·9	497·7	497·7
20	503·5	502·1	500·2	499·1	497·9	498·4	498·4	498·3	498·1	497·9	497·7	497·7
21	503·4	502·1	500·2	499·0	497·8	498·4	498·4	498·3	498·1	497·9	497·7	497·7
22	503·3	502·1	500·2	499·0	497·9	498·4	498·3	498·3	498·1	497·9	497·7	497·7
23	503·2	502·1	500·2	498·9	497·9	498·3	498·3	498·3	498·1	497·9	497·7	497·7
24	503·1	502·0	500·2	498·9	498·0	498·3	498·3	498·3	498·1	497·9	497·7	497·8
25	503·0	502·0	500·1	498·9	498·0	498·4	498·3	498·2	498·1	497·9	497·7	497·8
26	502·9	501·9	500·1	498·8	498·0	498·4	498·2	498·2	498·1	497·8	.....	497·8
27	503·2	501·8	500·1	498·7	497·9	498·5	498·2	498·2	498·1	497·8	.....	497·9
28	503·3	501·6	500·1	498·7	497·9	498·4	498·2	498·2	498·1	497·8	.....	497·9
29	503·2	501·2	500·1	498·7	497·9	498·3	498·2	498·2	498·1	497·8	.....	498·0
30	503·1	501·1	500·1	498·6	497·9	498·3	498·3	498·3	498·1	497·8	.....	498·0
31	.....	501·1	.....	498·6	497·8	.....	498·3	.....	498·1	497·8	.....	498·1

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Madawaska River at Calabogie, for 1911–12.

TABLE No. 161.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	498·1	502·8	501·8	501·0	499·4	498·6	498·0	498·4	499·0	499·9	499·4	498·9
2	498·1	502·8	501·7	500·9	499·3	498·5	498·0	498·4	499·0	499·8	499·3	498·9
3	498·1	502·8	501·6	500·9	499·3	498·5	498·0	498·4	499·0	499·8	499·3	498·9
4	498·2	502·7	501·5	500·8	499·3	498·5	498·0	498·4	499 0	499·8	499·3	498·9
5	498·2	502·7	501·5	500·7	499·3	498·4	498·0	498·3	499·0	499·7	499·3	498·9
6	498·3	502·6	501·5	500·6	499·2	498·4	498·0	498·3	499·1	499·7	499·3	498·8
7	498·3	502·6	501·5	500·6	499·2	498·4	498·1	498·3	499·1	499·7	499·2	498·8
8	498·5	502·5	501·4	500·5	499·2	498·3	498·1	498·3	499·1	499·7	499·2	498·8
9	498·8	502·5	501·4	500·5	499·2	498·3	498·1	498·4	499·1	499·6	499·2	498·8
10	499·1	502·4	501·5	500·5	499·1	498·3	498·1	498·4	499·2	499·6	499·2	498·8
11	499·5	502·4	501·5	500·4	499·1	498·2	498·1	498·4	499·2	499·6	499·2	498·7
12	499·9	502·3	501·6	500·4	499·1	498·1	498·2	498·4	499·3	499·5	499·1	498·7
13	500·3	502·2	501·7	500·3	499·1	498·0	498·2	498·4	499·4	499·5	499·1	498·7
14	500·8	502·2	501·8	500·2	499·1	498·0	498·2	498·4	499·5	499·5	499·1	498·7
15	501·8	502·1	501·8	500·1	499·1	497·9	498·2	498·5	499·7	499·5	499·1	498·7
16	502·8	502·1	501·9	500·1	499·0	497·9	498·3	498·5	499·9	499·5	499·0	498·7
17	503·0	502·0	501·9	500·1	499·0	497·9	498·3	498·5	500·0	499·5	499·0	498·7
18	502·9	501·9	501·9	500·0	499·0	497·9	498·3	498·6	500·0	499·5	499·0	498·8
19	502·8	501·9	501·7	500·0	499·0	497·9	498·4	498·7	500·0	499·5	499·0	498·8
20	502·9	502·0	501·6	500·0	499·0	497·9	498·4	498·7	500·1	499·5	499·0	498·8
21	503·1	502·0	501·5	500·0	499·0	497·9	498·5	498·7	500·1	499·5	499·0	498·8
22	503·1	501·9	501·5	499·9	498·9	497·9	498·5	498·7	500·1	499·5	499·0	498·8
23	503·1	501·8	501·4	499·9	498·9	498·0	498·5	498·7	500·1	499·5	499·0	498·8
24	503·1	502·0	501·5	499·8	498·8	498·0	498·5	498·8	500·1	499·5	499·0	498·7
25	503·0	502·1	501·3	499·8	498·8	498·0	498·5	498·8	500·0	499·5	499·0	498·7
26	503·0	502·2	501·4	499·7	498·7	498·0	498·5	498·8	500·0	499·4	499·0	498·7
27	503·1	502·1	501·5	499·6	498·7	498·0	498·5	498·9	500·0	499·4	499·0	498·7
28	503·0	502·1	501·4	499·6	498·7	498·0	498·5	498·9	500·0	499·4	499·0	498·7
29	502·9	502·0	501·3	499·5	498·7	498·0	498·5	498·9	499·9	499·4	.....	498·7
30	502·9	502·0	501·1	499·5	498·6	498·0	498·4	498·9	499·9	499·4	.....	498·7
31	.....	501·9	.....	499·4	498·6	.....	498·4	.....	499·9	499·4	.....	498·7

Elevations above M.S.L. of Madawaska River at Calabogie, for 1912–13.

TABLE No. 162.

1	498·7	504·2	504·6	501·3	499·2	499·1	499·1	500·1	501·3	501·1	501·1	500·2
2	498·7	504·1	504·6	501·2	499·2	499·1	499·1	500·1	501·4	501·1	501·1	500·2
3	498·7	504·0	504·5	501·1	499·2	499·1	499·0	500·1	501·4	501·1	501·0	500·2
4	498·8	503·9	504·5	501·0	499·2	499·1	499·0	500·1	501·6	501·1	501·0	500·1
5	498·9	503·8	504·4	501·0	499·1	499·1	499·0	500·1	501·7	501·1	500·9	500·1
6	498·9	503·6	504·3	500·9	499·1	499·2	499·0	500·2	.....	501·0	500·9	500·1
7	499·1	503·5	504·2	500·8	499·1	499·2	499·0	500·3	502·0	501·0	500·8	500·1
8	499·9	503·4	504 1	500 7	499·0	499·1	498·9	500·5	502·0	501·0	500·8	500·1
9	501·1	503·3	504·0	500·7	499·0	499·1	498·9	500·8	502·1	500·9	500·8	500·1
10	501·6	503·2	503·9	500·6	499·1	499·1	498·9	501·0	502·0	500·9	500·7	500·1
11	502·0	503·2	503·8	500·5	499·1	499·1	498·9	501·1	502·0	500·8	500·7	500·0
12	502·2	503·3	503·6	500·4	499·2	499·1	498·9	501·2	501·9	500·8	500·6	500·0
13	502·4	503·3	503·5	500·2	499·2	499·0	498·9	501·3	501·9	500·8	500·6	500·0
14	502·6	503·3	503·3	500·1	499·2	499·0	498·9	501·4	501·8	500·8	500·5	500·1
15	502·8	503·4	503·1	500·0	499·1	499·0	498·8	501·5	501·8	500·8	500·5	500·4
16	503·2	503·5	503·0	499·9	499·2	499·0	498·8	501·5	501·8	500·8	500·4	500·7
17	503·6	503·5	502·9	499·9	499·1	499·0	498·8	501·5	501·7	500·8	500·4	501·0
18	504·2	503·6	502·7	499·8	499·1	499·0	498·8	501·5	501·7	500·9	500·3	501·2
19	504·4	503·7	502·6	499·8	499·1	499·0	498·8	501·4	501·7	500·9	500·3	501·4
20	504·4	503·8	502·5	499·8	499·1	499·0	498·8	501·4	501·7	500·9	500·3	501·7
21	504·4	503·8	502·4	499·7	499 1	499·0	498·9	501·4	501·6	501·0	500·3	502·3
22	504·4	503·9	502·2	499·7	499·1	499·0	498·9	501·4	501·6	501·1	500·3	503·1
23	504·6	503·9	502·1	499·6	499·1	499·0	499·0	501·3	501·6	501·2	500·3	503·7
24	504·7	503·9	502·0	499·6	499·1	499·0	499·1	501·4	501·6	501·3	500·3	504·1
25	504·7	504·0	501·9	499 5	499 1	499·0	499·3	501·4	501·6	501·3	500·3	504·5
26	504·7	504·1	501·7	499·5	499·1	499·0	499·5	501·4	501·5	501·3	500·2	505·0
27	504·7	504·2	501·6	499·4	499·1	499·0	499·8	501·4	501·4	501·3	500·2	505·2
28	504·7	504·3	501·5	499·4	499·1	499·0	499·9	501·4	501·3	501·2	500·2	504·8
29	504·5	504·4	501·4	499·4	499·1	499·1	500·0	501·3	501·3	501·2	.....	504·6
30	504·4	504·5	501·4	499·4	499·1	499·1	500·0	501·3	501·2	501·1	.....	504·5
31	.....	504·6	.....	499·3	499·1	.....	500·0	.....	501·2	501·2	.....	504·7

Elevations above M.S.L. of Madawaska River at Calabogie, for 1913–14.

TABLE No. 163.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	505·0	504·8	501·5	499·8	499·0	498·0	498·2	498·1	499·3	499·1	498·8	498·8
2	505·1	504·7	501·5	499·7	499·0	498·0	498·2	498·1	499·3	499·1	498·9	498·7
3	505·3	504·6	501·4	499·7	499·0	497·9	498·1	498·1	499·3	499·1	498·9	498·7
4	505·3	504·5	501·4	499·6	498·9	497·9	498·0	498·1	499·4	499·1	499·0	498·7
5	505·4	504·4	501·4	499·6	498·9	497·9	498·0	498·1	499·4	499·1	499·0	498·7
6	505·5	504·3	501·3	499·6	498·9	497·8	498·0	498·2	499·6	499·1	499·0	498·7
7	505·5	504·1	501·2	499·6	498·9	497·8	498·0	498·2	499·6	499·1	499·0	498·7
8	505·5	503·9	501·2	499·5	498·9	497·8	497·9	498·2	499·6	499·1	499·0	498·7
9	505·4	503·7	501·1	499·5	498·8	497·8	497·9	498·3	499·5	499·1	499·0	498·7
10	505·4	503·5	501·0	499·4	498·8	497·8	497·8	498·3	499·5	499·1	499·0	498·7
11	505·4	503·4	500·9	499·4	498·8	497·8	497·8	498·4	499·4	499·1	499·0	498·7
12	505·4	503·3	500·8	499·3	498·8	497·7	497·8	498·4	499·5	499·1	498·9	498·6
13	505·5	503·1	500·8	499·3	498·8	497·7	497·8	498·5	499·3	499·0	498·9	498·6
14	505·5	502·9	500·7	499·3	498·7	497·7	497·8	498·6	499·3	499·0	498·9	498·6
15	505·6	502·8	500·7	499·3	498·7	497·7	497·7	498·7	499·3	498·9	498·9	498·6
16	505·7	502·7	500·6	499·2	498·7	497·7	497·7	498·8	499·3	498·9	498·9	498·7
17	505·7	502·6	500·6	499·2	498·6	497·7	497·6	498·8	499·3	498·9	498·8	498·7
18	505·7	502·5	500·5	499·2	498·6	497·8	497·6	498·8	499·3	498·9	498·8	498·7
19	505·6	502·4	500·4	499·2	498·5	497·8	497·6	498·9	499·3	498·9	498·8	498·7
20	505·6	502·3	500·4	499·2	498·5	497·8	497·6	499·0	499·3	498·9	498·8	498·7
21	505·6	502·2	500·3	499·2	498·5	497·9	497·6	499·1	499·3	498·8	498·8	498·7
22	505·5	502·1	500·2	499·2	498·4	498·0	497·6	499·2	499·3	498·8	498·8	498·7
23	505·5	502·0	500·2	499·1	498·4	498·0	497·7	499·2	499·3	498·8	498·7	498·7
24	505·4	501·9	500·1	499·1	498·4	498·1	497·7	499·2	499·3	498·8	498·7	498·7
25	505·3	501·9	500·1	499·1	498·3	498·1	497·8	499·2	499·3	498·8	498·7	498·7
26	505·2	501·8	500·0	499·1	498·3	498·1	497·8	499·3	499·3	498·8	498·7	498·8
27	505·2	501·8	500·0	499·1	498·2	498·1	497·8	499·3	499·3	498·8	498·7	498·9
28	505·1	501·7	499·9	499·1	498·2	498·1	497·8	499·3	499·3	498·8	498·7	499·0
29	505·0	501·7	499·9	499·1	498·1	498·1	497·9	499·3	499·2	498·8	.....	499·2
30	504·9	501·6	499·8	499·0	498·1	498·1	497·9	499·3	499·2	498·8	.....	499·5
31	.....	501·6	.....	499·0	498·1	.....	498·0	.....	499·2	498·8	.....	499·8

Elevations above M.S.L. of Madawaska River at Calabogie, for 1914–15.

TABLE No. 164.

1	500·0	502·9	501·0	500·0	499·0	498·4	498·4	498·7	499·2	499·1	498·9	499·0
2	500·3	502·9	500·9	500·0	499·0	498·4	498·3	498·7	499·2	499·2	498·9	499·1
3	500·5	503·0	500·8	500·0	498·9	498·5	498·5	498·7	499·3	499·1	499·0	499·1
4	500·5	502·9	500·7	500·1	498·9	498·5	498·5	498·7	499·3	499·1	498·9	499·2
5	500·6	503·0	500·7	500·0	498·8	498·6	498·5	498·7	499·4	499·0	498·9	499·2
6	500·6	503·0	500·7	500·0	498·8	498·6	498·5	498·7	499·4	499·0	498·9	499·2
7	500·6	503·0	500·7	499·9	498·8	498·6	498·5	498·7	499·5	499·1	498·9	499·2
8	500·6	503·0	500·7	499·8	498·8	498·7	498·5	498·7	499·5	499·1	499·0	499·2
9	500·6	503·0	500·7	499·8	498·7	498·7	498·5	498·7	499·5	499·1	498·9	499·2
10	500·6	502·9	500·7	499·8	498·6	498·7	498·6	498·7	499·5	499·1	498·9	499·2
11	500·6	502·8	500·7	499·7	498·6	498·5	498·6	498·8	499·5	499·2	498·9	499·2
12	500·6	502·8	500·7	499·7	498·5	498·5	498·6	498·8	499·5	499·1	498·9	499·2
13	500·6	502·7	500·7	499·6	498·5	498·4	498·6	498·8	499·5	499·1	498·9	499·2
14	500·6	502·5	500·6	499·6	498·5	498·4	498·6	498·8	499·5	499·1	498·9	499·2
15	500·6	502·5	500·6	499·6	498·6	498·4	498·6	498·8	499·4	499·1	498·9	499·2
16	500·6	502·5	500·5	499·5	498·6	498·4	498·7	498·8	499·4	499·1	498·9	499·1
17	500·7	502·4	500·4	499·5	498·6	498·4	498·7	498·8	499·3	499·1	498·9	499·1
18	501·0	502·3	500·4	499·4	498·6	498·4	498·7	498·9	499·3	499·1	498·9	499·1
19	501·4	502·1	500·3	499·4	498·6	498·4	498·7	498·9	499·3	499·2	498·9	499·2
20	501·7	502·0	500·2	499·4	498·7	498·4	498·7	498·9	499·3	499·2	498·9	499·2
21	502·1	502·0	500·1	499·3	498·7	498·4	498·7	498·9	499·3	499·1	498·9	499·2
22	502·6	501·8	500·0	499·3	498·7	498·4	498·7	498·9	499·3	499·0	498·9	499·2
23	503·0	501·7	499·9	499·3	498·6	498·4	498·7	498·9	499·3	499·0	498·9	499·2
24	502·8	501·6	499·9	499·3	498·6	498·4	498·7	498·9	499·2	499·0	499·0	499·2
25	502·7	501·6	499·9	499·3	498·5	498·4	498·7	499·0	499·2	499·1	499·0	499·3
26	502·7	501·5	499·9	499·3	498·5	498·4	498·7	499·0	499·2	499·1	499·0	499·4
27	502·6	501·4	499·8	499·2	498·5	498·4	498·7	499·1	499·1	499·1	499·0	499·5
28	502·6	501·3	499·8	499·1	498·4	498·4	498·7	499·1	499·2	499·1	499·0	499·5
29	502·7	501·3	499·9	499·1	498·4	498·4	498·7	499·1	499·1	499·0	.....	499·6
30	502·8	501·2	499·9	499·1	498·4	498·4	498·7	499·1	499·2	499·0	.....	499·6
31	.....	501·1	.....	499·0	498·4	.....	498·7	.....	499·2	499·0	.....	499·6

Elevations above M.S.L. of Madawaska River at Clay Bank Bridge, for 1909–10.

TABLE No. 165.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	266·04	264·87	261·38	261·87	261·87	260·63	260·54	260·79	260·96	261·04	261·04
2	.....	266·38	264·63	261·29	261·87	261·79	260·63	260·54	260·79	260·96	261·04	261·04
3	.....	266·63	264·46	261·21	261·79	261·79	260·71	260·54	260·87	260·96	261·04	261·04
4	.....	266·79	264·21	261·46	261·79	261·71	260·71	260·54	260·87	260·88	260·96	261·04
5	.....	266·71	264·04	261·54	261·96	261·63	260·63	260·54	260·87	260·88	260·96	261·04
6	.....	266·63	263·71	261·54	261·96	261·63	260·63	260·54	260·87	260·88	260·96	260·96
7	.....	266·46	263·46	261·54	261·96	261·63	260·63	260·46	260·87	260·96	260·96	261·04
8	.....	266·38	263·29	261·46	261·96	261·63	260·54	260·46	260·87	260·88	260·96	261·04
9	.....	266·13	263·13	261·46	261·71	261·54	260·54	260·46	260·96	260·88	261·04	261·04
10	.....	266·46	263·13	261·38	261·21	261·54	260·63	260·46	260·96	260·88	261·04	261·13
11	.....	266·54	262·96	261·38	261·21	261·54	260·63	260·46	261·04	260·88	261·04	261·21
12	.....	266·87	262·79	261·38	261·21	261·54	260·54	260·46	261·04	260·88	261·04	261·29
13	.....	266·96	262·63	261·29	261·13	261·54	260·54	260·46	261·04	260·88	261·04	261·29
14	.....	266·79	262·46	261·29	261·13	261·54	260·54	260·46	261·13	260·79	261·04	261·29
15	265·71	266·63	262·38	261·29	261·13	261·21	260·54	260·46	261·13	260·79	261·04	261·38
16	266·04	266·71	262·21	261·29	261·21	260·96	260·54	260·46	261·13	260·79	261·04	261·54
17	265·87	266·63	262·21	261·29	260·79	260·79	260·54	260·46	261·13	260·79	261·04	261·71
18	265·46	266·63	262·04	261·46	260·96	260·71	260·54	260·46	261·04	260·79	261·04	261·79
19	265·87	266·46	261·96	261·38	261·04	260·71	260·54	260·46	261·04	260·79	261·04	261·96
20	265·96	266·38	261·96	261·46	261·13	260·63	260·54	260·46	261·04	260·88	261·04	261·96
21	266·29	266·29	261·79	261·38	261·13	260·63	260·54	260·46	261·04	260·88	261·04	261·71
22	266·63	266·21	261·79	261·38	261·46	260·63	260·54	260·46	261·04	260·96	261·04	261·79
23	266·96	266·21	261·63	261·54	261·38	260·54	260·54	260·46	261·04	261·04	261·04	262·04
24	266·96	266·04	261·63	261·54	261·38	260·54	260·54	260·46	261·13	261·04	260·96	262·04
25	266·96	265·87	261·63	261·54	261·46	260·54	260·54	260·54	261·13	260·96	260·96	262·71
26	266·54	265·54	261·54	261·54	261·46	260·71	260·54	260·63	261·13	260·96	260·96	263·04
27	266·38	265·46	261·54	261·87	261·38	260·71	260·54	260·71	261·04	260·96	261·04	263·29
28	266·21	265·38	261·54	261·96	261·38	260·71	260·54	260·71	260·96	260·96	261·04	263·38
29	266·04	265·29	261·46	261·96	261·71	260·71	260·54	260·79	260·96	260·96	.....	263·54
30	265·96	265·21	261·46	261·87	261·63	260·63	260·54	260·79	260·96	261·04	.....	263·71
31	.....	265·04	.....	261·87	261·63	.....	260·54	.....	260·96	261·04	.....	264·13

Elevations above M.S.L. of Madawaska River at Clay Bank Bridge, for 1910–11.

TABLE No. 166.

1	264·29	263·38	261·96	261·21	261·38	259·96	260·21	260·21	260·21	260·29	260·13	260·04
2	264·54	263·29	261·88	261·21	261·29	259·96	260·21	260·29	260·21	260·29	260·13	260·04
3	264·71	263·38	261·88	261·21	261·29	259·96	260·21	260·38	260·21	260·29	260·13	260·04
4	264·88	263·38	261·88	261·21	261·21	259·96	260·21	260·38	260·21	260·29	260·13	260·04
5	264·96	263·46	261·88	261·21	261·21	259·96	260·29	260·38	260·21	260·29	260·13	260·04
6	264·96	263·46	261·88	261·21	261·21	259·96	260·29	260·38	260·29	260·21	260·13	260·04
7	264·88	263·38	261·88	261·21	261·04	259·96	260·29	260·21	260·29	260·21	260·13	260·04
8	264·88	263·29	261·96	261·21	260·71	260·04	260·29	260·21	260·29	260·21	260·13	260·04
9	264·63	263·29	261·96	261·13	260·29	260·04	260·29	260·29	260·29	260·21	260·13	260·04
10	264·63	263·21	261·79	261·13	260·29	260·13	260·29	260·29	260·29	260·13	260·13	260·04
11	264·63	263·21	261·63	261·13	260·21	260·13	260·29	260·29	260·29	260·13	260·13	260·04
12	264·71	263·13	261·54	261·13	260·21	260·21	260·29	260·29	260·29	260·13	260·13	260·04
13	264·54	263·04	261·54	261·13	260·21	260·29	260·29	260·29	260·29	260·13	260·13	260·04
14	264·21	262·88	261·54	261·13	.....	260·29	260·29	260·29	260·29	260·13	260·13	260·04
15	264·13	262·71	261·54	261·13	.....	260·29	260·29	260·29	260·29	260·13	260·13	260·04
16	264·04	262·63	261·54	261·13	.....	260·29	260·29	260·29	260·29	260·13	260·04	260·04
17	263·96	262·54	261·46	261·13	.....	260·29	260·29	260·29	260·29	260·13	260·04	260·04
18	263·79	262·46	261·46	261·13	.....	260·29	260·21	260·29	260·29	260·13	260·04	260·04
19	263·71	262·46	261·46	261·13	.....	260·29	260·21	260·29	260·29	260·13	260·04	260·04
20	263·71	262·46	261·46	261·13	.....	260·29	260·21	260·29	260·29	260·13	260·04	260·04
21	263·63	262·46	261·38	261·21	260·04	260·29	260·29	260·29	260·29	260·13	260·04	260·04
22	263·54	262·46	261·29	261·21	260·04	260·29	260·29	260·29	260·29	260·21	260·04	260·04
23	263·46	262·46	261·38	261·21	260·04	260·29	260·29	260·29	260·29	260·21	260·04	260·04
24	263·38	262·46	261·38	261·46	260·04	260·21	260·29	260·29	260·29	260·21	260·04	260·04
25	263·29	262·46	261·38	261·46	260·04	260·21	260·21	260·21	260·29	260·21	260·04	260·04
26	263·46	262·38	261·38	261·46	259·96	260·21	260·21	260·21	260·29	260·21	260·04	260·04
27	263·46	262·38	261·38	261·38	259·96	260·21	260·21	260·21	260·29	260·21	260·04	260·04
28	263·46	.....	261·29	261·38	259·96	260·21	260·21	260·21	260·21	260·21	260·04	260·04
29	263·46	262·21	261·29	261·38	259·96	260·21	260·21	260·21	260·21	260·21	.....	260·04
30	263·46	262·13	261·29	261·38	259·96	260·21	260·21	260·21	260·29	260·21	.....	260·13
31	.....	262·04	.....	261·38	259·96	.....	260·21	.....	260·29	260·13	.....	260·13

Elevations above M.S.L. of Madawaska River at Clay Bank Bridge, for 1911–12.

TABLE No. 167.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	260·13	263·21	262·38	261·96	260·63	260·29	259·88	260·21	260·46	261·13	260·96	260·96
2	260·13	263·21	262·21	261·79	260·63	260·29	259·88	260·21	260·46	261·13	260·96	260·96
3	260·13	263·21	262·13	261·79	260·54	260·29	259·88	260·29	260·46	261·13	260·96	260·96
4	260·13	263·13	262·13	261·46	260·54	260·29	259·88	260·29	260·46	261·13	260·96	260·96
5	260·13	263·13	262·13	261·46	260·46	260·29	259·88	260·29	260·46	261·13	260·96	260·96
6	260·21	263·13	262·04	261·38	260·46	260·29	259·88	260·29	260·46	261·13	260·96	260·96
7	260·21	263·13	262·04	261·38	260·54	260·29	259·88	260·29	260·46	261·13	260·96	260·88
8	260·21	263·13	261·96	261·38	260·54	260·21	259·88	260·29	260·46	261·13	260·96	260·88
9	260·46	262·88	261·96	261·29	260·54	260·21	259·88	260·29	260·46	261·13	260·96	260·88
10	260·71	262·88	261·96	261·21	260·54	260·13	259·88	260·29	260·46	261·13	260·96	260·88
11	260·96	262·79	262·04	260·96	260·54	260·04	259·96	260·29	260·54	261·13	260·96	260·88
12	261·21	262·79	262·13	261·04	260·54	260·04	259·96	260·29	260·54	261·13	260·96	260·88
13	261·46	262·79	262·21	261·04	260·46	259·96	259·96	260·29	260·54	261·13	260·96	260·88
14	261·88	262·71	262·29	260·96	260·54	259·88	259·96	260·29	260·63	261·04	260·96	260·88
15	262·54	262·71	262·38	260·88	260·54	259·88	260·04	260·21	260·63	261·04	260·96	260·88
16	263·21	262·71	262·38	260·96	260·46	259·88	260·04	260·21	260·63	261·04	260·96	260·88
17	263·38	262·38	262·38	260·96	260·46	259·88	260·04	260·21	260·63	261·04	260·96	260·88
18	263·46	262·38	262·29	261·04	260·46	259·79	260·13	260·21	260·79	261·04	260·96	260·88
19	263·46	262·38	262·29	261·13	260·46	259·71	260·13	260·29	260·87	261·04	260·88	260·88
20	263·38	262·29	262·29	261·04	260·46	259·71	260·13	260·29	260·87	261·04	260·88	260·88
21	263·54	262·29	262·21	260·96	260·46	259·71	260·13	260·29	260·96	261·04	260·88	260·79
22	263·63	262·38	262·21	260·96	260·46	259·63	260·21	260·29	261·04	260·96	260·96	260·79
23	263·63	262·54	262·13	260·88	260·46	259·63	260·21	260·29	261·13	260·96	260·96	260·79
24	263·54	262·79	262·04	260·88	260·38	259·88	260·29	260·29	261·13	260·88	260·96	260·79
25	263·54	262·63	261·96	260·88	260·38	259·96	260·29	260·29	261·13	260·88	260·96	260·79
26	263·54	262·63	261·96	260·79	260·38	259·96	269·29	260·29	261·13	260·79	260·96	260·79
27	263·54	262·54	261·96	260·79	260·38	259·88	260 21	260·29	261·13	260·79	260·96	260·79
28	263·46	262·54	261·96	260·71	260·38	259·88	260·21	260·29	261·13	260·79	260·96	260·63
29	263·46	262·46	261·96	260·71	260·38	259·88	260·21	260·38	261·13	260·88	260·96	260·63
30	263·46	262·38	261·96	260·71	260·38	259·88	260·21	260·38	261·13	260·96	.....	260·63
31	.....	262·38	.....	260·63	260·29	.....	260·21	.....	261·13	260·96	.....	260·63

Elevations above M.S.L. of Madawaska River at Clay Bank Bridge, for 1912–13.

TABLE No. 168.

1	260·54	264·29	264·88	261·96	260·71	260·54	260·46	261·13	262·04	261·79	261·71	261·29
2	260·54	264·13	264·63	261·88	260·71	260·54	260·54	261·04	262·04	261·79	261·96	261·46
3	260·46	264·04	264·63	261·79	260·71	260·54	260·54	261·04	262·04	261·71	261·96	261·46
4	260·46	263·88	264·54	261·63	260·71	260·54	260·54	261·04	261·96	261·71	261·96	261·38
5	260·54	263·88	264·46	261·63	260·71	260·54	260·54	261·13	261·96	261·71	261·96	261·38
6	260·54	263·88	264·38	261·63	260·71	260·54	260·54	261·21	262·38	261·71	261·96	261·46
7	260·88	263·79	264·29	261·63	260·63	260·54	260·54	261·38	262·46	261·79	261·96	261·54
8	261·21	263·71	264·21	261·46	260·54	260·54	260·46	261·54	262·46	261·79	261·96	261·63
9	261·71	263·54	263·79	261·38	260·46	260·54	260·46	261·71	262·54	261·79	261·88	261·63
10	262·04	263·38	263·96	261·29	260·46	260·54	260·46	261·71	262·54	261·79	261·88	261·88
11	262·38	263·38	263·79	261·21	260·63	260·54	260·46	261·79	262·54	261·79	261·71	262·13
12	262·71	263·29	263·71	261·21	260·54	260·54	260·46	261·88	262·54	261·71	261·71	262·29
13	262·88	263·38	263·54	261·21	260·54	260·54	260·46	262·04	262·63	261·71	261·71	262·46
14	263·04	263·38	263·46	261·21	260·54	260·54	260·46	262·13	262·63	261·71	261·71	262·63
15	263·21	263·29	263·29	261·21	260·63	260·46	262·46	262·21	262·21	261·71	261·71	262·88
16	264·04	263·38	263·21	261·13	260·63	260·46	260·46	262·29	262·29	261·71	261·71	262·96
17	264·79	263·46	263·04	261·13	260·54	260·46	260·46	262·54	262·29	261·79	261·71	263·38
18	265·71	263·54	262·88	261·04	260·54	260·46	260·46	262·54	262·38	261·88	261·71	263·71
19	266·38	263·71	262·79	260·96	260·54	260·46	260·46	262·38	262·46	261·88	261·63	263·96
20	266·71	263·79	262·79	260·96	260·54	260·46	260·46	262·13	262·46	261·88	261·54	264·29
21	266·79	263·96	262·71	260·96	260·54	260·46	260·46	262·04	262·46	261·88	261·46	264·63
22	266·96	264·13	262·63	260·96	260·54	260·46	260·46	262·04	262·46	261·96	261·46	265·04
23	267·13	264·21	262·54	260·88	260·54	260·46	260·46	261·96	262·46	261·96	261·46	266·88
24	267·13	264·29	262·46	260·88	260·54	260·46	260·54	261·96	262·54	261·96	261·46	267·38
25	267·13	264·29	262·38	260·88	260·46	260·46	260·54	261·96	262·54	261·96	261·46	267·21
26	267·21	264·29	262·29	260·79	260·46	260·46	260·54	262·04	262·54	261·96	261·46	266·96
27	267·29	264·38	262·29	260·79	260·46	260·46	260·71	262·04	262·21	261·96	261·38	266·79
28	266·54	264·54	262·29	260·71	260·46	260·46	260·88	262·04	261·96	261·96	261·29	266·46
29	265·79	264·71	262·21	260·71	260·46	260·46	261·04	262·04	261·88	261·96	.....	266·38
30	264·54	264·79	262·13	260·71	260·54	260·46	261·13	262·04	261·88	261·96	.....	266·88
31	.....	264·88	.....	260·71	260·46	.....	261·13	.....	261·79	261·96	.....	267·04

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Madawaska River at Clay Bank Bridge, for 1913–14.

TABLE No. 169.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	265·28	265·12	261·45	260·70	260·28	259·95	259·95	259·95	260·62	260·70	260·70	260·95
2	265·12	265·03	261·45	260·70	260·28	259·95	259·95	260·03	260·62	260·62	260·70	260·95
3	265·45	264·95	261·53	260·62	260·20	259·95	259·95	260·03	260·70	260·62	260·70	260·87
4	265·70	264·78	261·62	260·62	260·20	259·95	259·95	260·03	260·70	260·62	260·70	260·87
5	265·37	264·37	261·62	260·53	260·20	259·95	259·95	260·03	260·70	260·62	260·70	260·87
6	265·70	264·20	261·62	260·53	260·20	259·95	259·95	260·03	260·70	260·62	260·70	260·87
7	265·70	263·87	261·70	260·53	260·20	259·95	259·95	260·12	260·70	260·62	260·70	260·87
8	265·62	263·78	261·62	260·53	260·20	259·95	259·95	260·12	260·70	260·62	260·70	260·78
9	265·62	263·70	261·53	260·53	260·20	259·95	259·95	260·12	260·70	260·62	260·62	260·78
10	265·62	263·70	261·45	260·53	260·12	259·95	259·95	260·20	260·70	260·62	260·62	260·78
11	265·53	263·45	261·45	260·53	260·12	259·95	259·95	260·20	260·78	260·62	260·62	260·70
12	265·53	263·45	261·37	260·53	260·12	259·95	259·95	260·28	260·78	260·62	260·62	260·70
13	266·12	263·28	261·20	260·53	260·03	259·95	259·95	260·28	260·78	260·53	260·62	260·70
14	266·12	263·12	261·12	260·53	260·03	259·95	259·95	260·37	260·78	260·53	260·62	260·70
15	266·12	262·95	261·12	260·53	260·03	259·95	259·95	260·37	260·78	260·53	260·70	260·70
16	266·20	262·78	261·12	260·53	260·03	259·95	259·95	260·37	260·78	260·53	260·70	260·70
17	266·20	262·70	261·12	260·53	260·03	259·95	259·95	260·45	260·78	260·53	260·70	260·62
18	266·20	262·62	261·12	260·53	260·03	259·95	259·95	260·45	260·78	260·53	260·78	260·62
19	266·20	262·53	261·12	260·53	260·03	259 95	259·95	260·45	260·78	260·53	260·78	260·62
20	266·03	262·53	261·12	260·53	260·03	259·95	259·95	260·53	260·78	260·53	260·87	260·53
21	265·95	262·45	261·12	260·53	260·03	259·95	259·95	260·53	260·87	260·53	260·87	260·53
22	265·78	262·37	261·12	260·53	260·03	259·95	259·95	260·62	260·87	260·53	260·87	260·53
23	265·62	262·37	261·03	260·53	260·03	259·95	259·95	260·62	260·87	260·53	260·87	260·53
24	265·53	262·28	261·03	260·53	260·03	259·95	259·95	260·62	260·87	260·53	260·87	260·62
25	265·53	262·12	261·03	260·45	260·03	259·95	259·95	260·62	260·95	260·62	260·87	260·62
26	265·53	261·95	260·95	260·45	260·03	259·95	259·95	260·62	260·95	260·62	260·87	260·70
27	265·37	261·78	260·95	260·45	259·95	259·95	259·95	260·62	260·95	260·70	260·95	260·78
28	265·20	261·87	260·87	260·45	259·95	259·95	259·95	260·62	260·87	260·70	260·95	260·70
29	265·20	261·53	260·78	260·37	259·95	259·95	259·95	260·62	260·87	260·70	.....	260·78
30	265·20	261·53	260·70	260·37	259·95	259·95	259·95	260·62	260·78	260·70	.....	260·87
31	.....	261·45	.....	260·37	259·95	.....	259·95	.....	260·70	260·70	.....	260·95

Elevations above M.S.L. of Madawaska River at Clay Bank Bridge, for 1914–15.

TABLE No. 170.

1	261·12	263·03	261·53	260·95	260·45	260·12	260·12	260·20	260·62	260·70	260·53	260·62
2	261·28	263·12	261·45	260·95	260·37	260·12	260·12	260·20	260·62	260·62	260·62	260·78
3	261·45	263·12	261·45	260·95	260·37	260·12	260·12	260·20	260·62	260·53	260·62	260·78
4	261·70	263·12	261·37	260·95	260·37	260·12	260·12	260·28	260·62	260·53	260·62	260·78
5	261·62	262·87	261·37	260·95	260·37	260·12	260·12	260·28	260·70	260·53	260·70	260·78
6	261·53	262·87	261·28	260·95	260·37	260·12	260·12	260·28	260·70	260·62	260·70	260·78
7	261·53	262·87	261·28	260·95	260·28	260·12	260·12	260·28	260·70	260·70	260·70	260·78
8	261·53	263·12	261·20	260·95	260·28	260·12	260·12	260·28	260·70	260·53	260·70	260·78
9	261·53	263·12	261·20	260·95	260·28	260·12	260·12	260·28	260·70	260·53	260·70	260·78
10	261·45	263·03	261·20	260·95	260·28	260·12	260·12	260·28	260·70	260·53	260·70	260·70
11	261·45	263·03	261·20	260·95	260·28	260·12	260·12	260·28	260·70	260·62	260·70	260·70
12	261·45	262·95	261·12	260·87	260·28	260·12	260·12	260·28	260·70	260·62	260·70	260·70
13	261·53	262·95	261·12	260·87	260·20	260·12	260·12	260·28	260·70	260·62	260·62	260·70
14	261·53	262·95	261·12	260·78	260·20	260·12	260·12	260·28	260·62	260·62	260·62	260·70
15	261·53	262·87	261·12	260·78	260·20	260·12	260·12	260·28	260·62	260·62	260·62	260·70
16	261·53	262·87	261·12	260·78	260·12	260·12	260·12	260·37	260·62	260·62	260·62	260·70
17	261·53	262·78	261·03	260·78	260·12	260·12	260·12	260·37	260·53	260·62	260·62	260·70
18	261·45	262·70	261·03	260·78	260·12	260·12	260·20	260·37	260·53	260·62	260·53	260·62
19	262·28	262·62	261·03	260·78	260·12	260·12	260·20	260·37	260·53	260·62	260·53	260·62
20	262·62	262·53	261·03	260·70	260·12	260·12	260·20	260·37	260·62	260·62	260·53	260·62
21	262·87	262·45	261·03	260·70	260·12	260·12	260·20	260·37	260·62	260·62	260·62	260·62
22	262·95	262·37	261·03	260·62	260·12	260·12	260·20	260·37	260·62	260·62	260·62	260·78
23	263·20	262·12	261·03	260·62	260·12	260·12	260·20	260·37	260·62	260·53	260·62	260·78
24	263·12	262·03	260·95	260·62	260·12	260·12	260·20	260·37	260·62	260·53	260·62	260·70
25	263·03	261·95	260·95	260·53	260·12	260·12	260·20	260·37	260·62	260·53	260·62	260·78
26	263·03	261·87	260·95	260·53	260·12	260·12	260·20	260·45	260·62	260·53	260·70	260·78
27	263·03	261·78	260·95	260·53	260·12	260·12	260·20	260·45	260·62	260·53	260·70	260·78
28	263·03	261·78	260·95	260·45	260·12	260·12	260·28	260·53	260·62	260·53	260·62	260·87
29	263·03	261·78	260·95	260·45	260·12	260·12	260·28	260·53	260·70	260·45	.....	260·87
30	263·03	261·70	260·95	260·45	260·12	260·12	260·28	260·53	260·70	260·45	.....	260·87
31	.....	261·62	.....	260·45	260·12	.....	260·28	.....	260·70	260·53	.....	260·87

Elevations above M.S.L. of Ottawa River at Fitzroy Harbour, for 1905.

TABLE No. 171.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												
2												
3											191·73	190·23
4												
5												
6												
7												190·23
8												
9												
10											191·73	190·03
11												
12												
13												
14											191·73	189·93
15												
16												
17											191·73	189·93
18												
19												
20												
21												190·13
22											191·13	
23												
24											189·93	190·63
25											190·13	
26												
27												
28												190·63
29												
30												
31												191·43

Elevations above M.S.L. of Ottawa River at Fitzroy Harbour, for 1905–06.

TABLE No. 172.

1		192·23	194·33	192·73	191·93	191·03	191·03	191·33	190·93	190·63		
2		192·33	194·23	192·63	191·93	191·03	191·03	191·23	190·93	190·73		
3	192·23	192·53	194·23	192·53	191·93	191·13	191·03	191·03	190·93	190·63		
4	192·43	192·83	194·23	192·43	191·83	191·03	190·93	190·93	190·93	190·63		
5	192·73	193·03	194·16	192·33	191·83	191·03	190·93	191·03	190·93	190·53		
6	193·03	193·13	194·03	192·23	191·83	191·03	190·83	191·03	190·93	190·53		
7		193·33	194·03	192·13	191·73	191·13	190·83	191·03	190·83	190·43		
8	193·43	193·63	193·93	192·03	191·73	191·13	190·83	190·93	190·83	190·43		
9	193·43	193·63	193·93	191·93	191·73	191·13	190·83	190·93	190·73	190·43		
10	193·43	193·83	193·93	191·93	191·63	191·13	190·83	190·83	190·73	190·33		
11	193·33	194·13	193·93	191·93	191·63	191·13	190·83	190·83	190·73	190·33		
12	193·23	194·43	193·93	191·83	191·53	191·03	190·73	190·83	190·73	190·23		
13	193·23	194·43	193·93	191·83	191·43	191·03	190·73	190·73	190·63	190·23		
14	193·23	194·43	193·93	191·83	191·33	191·13	190·73	190·83	190·63	190·23		
15		194·53	193·93	191·83	191·33	191·13	190·73	190·93	190·63	190·23		
16	192·93	194·53	193·93	191·83	191·23	191·13	190·73	190·93	190·53	190·13		
17	192·73	194·63	194·03	191·83	191·23	191·23	190·83	190·93	190·53	190·13		
18	192·63	194·63	194·03	191·83	191·23	191·23	190·93	190·93	190·43	190·13		
19	192·53	194·73	194·03	191·83	191·23	191·33	190·93	190·93	190·43	190·03		
20	192·43	191·83	194·08	191·73	191·23	191·43	191·03	190·93	190·33	190·03		
21	192·33	194·83	193·83	191·73	191·13	191·53	191·13	190·93	190·23	190·03		
22		194·93	193·63	191·83	191·13	191·53	191·23	190·93	190·13	190·23		
23	192·23	194·93	193·43	191·83	191·03	191·63	191·33	191·03	190·13	190·53		
24	192·13	194·83	193·33	191·73	190·93	191·43	191·43	191·03	190·13	190·93		
25	192·03	194·83	193·23	191·63	190·83	191·23	191·53	191·13	190·13	191·33		
26	192·03	194·73	193·13	191·63	190·83	191·13	191·63	191·13	190·13	191·73		
27	191·96	194·63	193·03	191·73	190·83	191·13	191·83	191·13	190·23	191·73		
28	192·03	194·53	192·96	191·83	190·93	191·13	191·83	191·13	190·33			
29	192·13	194·53	192·83	191·93	190·93	191·13	191·73	191·13	190·33			
30	192·13	194·43	192·73	192·03	191·03	191·13	191·63	191·03	190·53			
31		194·43		192·03	191·03		191·43		190·63			

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Elevations above M.S.L. of Ottawa River at Fitzroy Harbour, for 1906.

TABLE No. 173.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		194·23	195·23	194·63	191·43	189·93	189·43	189·73	190·33			
2		194·23	195·23	194·43	191·43	190·03	189·43	189·73	190·33			
3		194·23	195·23	194·33	191·43	190·13	189·43	189·73	190·33			
4		194·43	195·13	194·23	191·43	190·03	189·53		190·33			
5		194·73	195·03	194·03	191·23	189·93	189·53	189·82	190·23			
6		194·83	194·93	193·93	191·23	190·03	189·63	189·83	190·23			
7		194·93	194·93	193·83	191·13	190·03	189·53	189·93	190·23			
8		195·13	194·83	193·73	191·03	190·03	189·53	189·93	190·23			
9		195·23	194·83	193·53	191·03	190·03	189·53	190·03	190·23			
10		195·23	195·03	193·43	191·03	190·03	189·43	190·03	190·23			
11		195·43	195·23	193·23	191·03	190·03	189·43	190·13	190·23			
12		195·53	195·33	193·13	190·93	189·93	189·43	190·13	190·13			
13		195·73	195·43	192·93	190·93	189·93	189·43	190·13	190·13			
14		195·83	195·43	192·93	190·83	189·83	189·43	190·23	190·13			
15		195·93	195·43	192·83	190·83	189·73	189·43	190·23	190·13			
16		195·93	195·43	192·73	190·73	189·73	189·53	190·23	190·23			
17		196·03	195·43	192·53	190·73	189·73	189·53	190·23	190·23			
18		196·03	195·43	192·43	190·73	189·63	189·53	190·13	190·23			
19		196·03	195·33	192·33	190·73	189·63	189·53	190·13	190·23			
20	192·43	195·93	195·33	192·13	190·73	189·53	189·53	190·13	190·13			
21	192·73	195·83	195·33	192·13	190·73	189·53	189·63	190·13	190·13			
22	193 23	195·83	195·23	192·03	190·63	189·43	189·73	190·03	190·13			
23	193·43	195·83	195·23	192·03	190·63	189·43	189·73	190·13	190·13			
24	193·63	195·63	195·23	191·93	190·63	189·43	189·73	190·13	190·13			
25	193·93	195·63	195·23	191·83	190·63	189·43	189·83	190·23	190·03			
26	193·93	195·63	195·23	191·63	190·63	189·43	189·83	190·23	190·03			
27	194·23	195·53	195·13	191·53	190·43	189 43	189·83	190·23	189·93			
28	194·03	195·53	195·13	191·53	190·43	189·43	189·73	190·33	189·93			
29	194·03	195·53	194·93	191·53	190·33	189·43	189·73	190·33	189·93			
30	194·13	195·43	194·83	191·53	190·23	189·43	189·73	190·33				
31		195·23		191·53	190·13		189·73					

Elevations above M.S.L. of Ottawa River at Quyon, for 1914–15.

TABLE No. 174.

1			192·97								189·52	189·78
2			192·92								189·52	189·72
3			192·87								189·58	189·65
4			193·02								189·53	189·62
5			192·77							189·50	189·52	189·57
6			192·77								189·53	189·53
7											189·52	189·54
8			192·97								189·52	189·57
9			192·95							189·55	189·58	189·51
10			192·82								189·58	189·46
11			192·82								189·53	189·42
12			192·72							189·61	189·51	189·40
13										189·57	189·51	189·40
14										189·56	189·52	189·42
15										189·57	189·60	189·48
16										189·57	189·55	189·48
17											189·52	189·47
18										189·64	189·52	189·48
19										189·64	189·52	189·45
20										189·60	189·52	189·42
21											189·52	189·47
22											189·51	189·54
23											189·50	189·60
24											189·51	189·78
25											189·64	189·94
26										189·60	189·71	190·00
27		193·40								189·56	189·72	190·03
28		193·30								189·54	189·76	190·01
29		193·25								189·51		189·98
30		193·20										189·87
31												189·87

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1901–02.

TABLE No. 175.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1					191·22			190·55		191·01	190·39	
2									190·68	190·97		190·14
3				192·43	191·22			190·43	190·59	190·97		
4								190·51	190·47	190·97		
5								190·55	190·43	190·80		
6				192·18	190·97			190·51	190·39	190·80	190·23	190·55
7								190·51	190·34	190·84		
8				192·14	190·97				190·34	190·80		190·80
9				192·05			189·64			190·80		
10				191·93		190·18				190·80		191·31
11									190·30	190·84		
12				191·76					190·26	190·72		
13					190·89				190·26			
14						190·14	189·69		190·30	190·68	190·15	191·72
15				191·64				190·51				
16							189·64		190·84	190·72		191·89
17				191·55					190·80		190·11	
18									190·80	190·64		192·39
19				191·55	190·59				190·80	190·56		
20				191·30				190·51	190·80			
21					190·59		189·83		190·80	190·56		192·47
22				191·30			189·91					
23							190·18		190·89		190·11	191·89
24				191·22		189·97			190·89			
25									191·05			192·05
26				191·14	190·59							
27							190·47	190·64	191·05	190·43		192·05
28							190·51					
29							190·51	190·97	191·09			192·05
30				191·22			190·55					192·64
31							190·57		191·01			192·89

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1902–03.

TABLE No. 176.

1	193·30	194·22										
2	193·46		194·39		192·05	190·89		191·30				
3				193·55							190·22	190·89
4	193·72	194 10				190·77						
5			194·39				190·89					
6	194·14			193·39	192·05					191·39		191·39
7	194·09								192·97			
8		193·89	194·39			190·65						
9	194·09							192·01				
10	194·01				191·89						190·18	191·55
11		195·14										
12	193·89		194·39			190·77	191·14					
13				192·80						191·23		
14	193·89	195·10				190·97			192·72			191·89
15												
16	193·89		194·27		191·73			192·64				
17				192·60								
18	193·89	195·06				191·13						192·21
19							191·22					
20	193·89	194·89	194·15	192·48	191·57					190·80		192·55
21						191·31			192·30			192·93
22	193·89											193·09
23								193·05				
24			194·11	192·47	191·39						190·42	193·56
25	193·89	194·64										193·89
26							191·39					193·89
27	194·05		193·97	192·48		191·01				190·39		
28		194·52										194·05
29	194·14											194·05
30		194·48	193·89	192·22					191·56			
31					191·05							

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1903–04.

TABLE No. 177.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	194·14	.....	.....	.....	191·39	.....	190·64	190·14	189·60	189·56
2	193·89	.....	.....	.....	.....	.....	.....	191·56	190·64	190·14	.....	189·56
3	.....	193·35	.....	194·47	192·26	.....	.....	191·44	190·52	190·09	189·60	.....
4	193·81	.....	.....	.....	.....	.....	191·35	191·31	190·52	.....	189·56	189·51
5	193·56	.....	.....	193·89	.....	191·18	.....	.....	190·48	190·09	189·56	.....
6	.....	.....	.....	.....	.....	.....	191·35	191·31	190·48	.....	.....	189·45
7	193·64	193·56	.....	.....	192·14	.....	.....	.....	.....	.....	189·56	.....
8	193·81	.....	193·72	193·47	.....	.....	.....	191·32	190·56	.....	189·56	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	190·05	.....	189·44
10	193·89	193·97	.....	.....	.....	191·02	.....	191·35	190·48	.....	189·64	.....
11	.....	.....	.....	.....	.....	.....	191·56	.....	190·48	190·01	.....	189·39
12	193·85	.....	.....	193·05	192·02	.....	.....	191·39	.....	.....	189·56	.....
13	.....	193·78	.....	.....	.....	.....	.....	.....	190·48	.....	189·51	189·29
14	193·81	.....	.....	.....	.....	.....	191·64	.....	.....	190·01	.....	.....
15	.....	.....	193·47	192·72	.....	.....	191·80	191·35	190·39	.....	189·51	189·35
16	193·81	.....	.....	.....	.....	190·89	191·84	191·27	190·31	189·97	.....	.....
17	.....	194·72	.....	.....	.....	.....	191·80	191·22	.....	189·97	189·51	189·39
18	.....	.....	.....	.....	191·72	191·02	191·97	191·18	190·23	189·97	189·44	
19	193·72	.....	.....	192·39	.....	191·06	191·89	191·14	.....	189·93	.....	.....
20	.....	194·68	.....	.....	.....	191·06	191·80	191·10	.....	189·93	189·44	189·44
21	.....	.....	193·39	.....	.....	191·10	191·84	190·89	.....	189·89	189·35	189·44
22	193·64	.....	.....	.....	191·47	.....	.....	190·89	190·23	189·85	189·56	189·39
23	.....	.....	.....	.....	.....	.....	.....	190·89	190·22	189·85	189·47	
24	.....	194·64	193·51	.....	.....	191·51	.....	190·89	.....	.....	189·51	189·44
25	193·56	.....	.....	.....	191·25	191·51	.....	190·89	190·22	189·81	.....	189·44
26	.....	.....	.....	.....	.....	.....	191·93	190·89	.....	189·73	189·51	189·71
27	.....	194·48	193·72	.....	.....	191·55	.....	190·81	190·14	189·67	189·56	189·89
28	193·47	.....	.....	.....	.....	.....	.....	190·81	.....	189·64	189·56	190·14
29	.....	.....	.....	.....	.....	.....	.....	190·73	190·14	189·62	.....	190·27
30	193·39	.....	193·80	.....	191·22	.....	.....	.....	.....	189·62	.....	190·39
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	189·60	.....	190·48

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1904–05.

TABLE No. 178.

1	190·64	.....	196·79	194·89	192·22	190·93	.....	192·64	.....	.....	.....	.....
2	190·85	.....	196·85	194·89	192·22	190·93	.....	.....	.....	190·97	.....	.....
3	191·27	195·60	196·93	194·72	192·10	.....	.....	.....	.....	.....	.....	.....
4	191·72	195·93	196·93	194·64	191·93	191·02	.....	.....	.....	.....	189·97	189·67
5	191·89	196·14	196·97	194·56	191·81	191·06	.....	192·39	.....	.....	.....	.....
6	192·14	196·33	197·01	194·39	.....	191·14	.....	.....	191·35	.....	.....	.....
7	192·35	196·52	196·99	194·35	191·72	.....	.....	192·39	.....	.....	.....	189·67
8	192·39	196·64	197·04	194·31	191·60	.....	.....	.....	.....	.....	189·92	.....
9	192·68	196·68	197·06	194·02	191·43	191·10	.....	.....	191·18	.....	.....	.....
10	193·31	196·72	197·18	193·89	191·35	.....	.....	.....	.....	.....	.....	189·59
11	193·43	196·77	197·27	193·89	191·35	191·14	191·85	192·18	.....	.....	189·87	.....
12	193·47	196·72	197·33	.....	191·31	.....	.....	.....	.....	.....	.....	.....
13	193·60	.....	197·27	193·72	191·31	191·14	.....	.....	191·10	190·39	.....	.....
14	193·64	.....	197·14	193·60	191·27	.....	.....	.....	.....	.....	189·89	189·55
15	193·85	196·64	196·99	.....	.....	191·06	.....	191·97	.....	.....	.....	.....
16	193·97	.....	196·93	193·52	191·22	190·89	.....	.....	191·06	.....	.....	.....
17	193·89	196·64	196·72	.....	.....	.....	.....	.....	.....	190·35	189·85	189·47
18	193·89	.....	196·52	193·39	191·18	190·97	.....	191·76	.....	.....	.....	.....
19	193·89	196·81	.....	193·31	191·18	190·97	.....	.....	.....	.....	.....	.....
20	193·64	.....	.....	193·18	191·18	.....	192·56	.....	190·89	190·35	.....	.....
21	193·27	196·81	196·06	193·10	.....	190·89	.....	.....	.....	.....	189·82	189·55
22	193·18	.....	.....	192·97	191·14	190·97	.....	191·60	.....	.....	.....	.....
23	192·86	196·77	195·81	193·05	191·14	191·02	.....	.....	190·93	.....	.....	.....
24	193·18	196·77	195·64	.....	191·10	.....	.....	.....	.....	190·29	.....	.....
25	193·18	196·68	195·52	192·81	191·10	191·14	.....	.....	.....	.....	189·69	189·47
26	.....	196·64	195·35	192·64	.....	191·14	192·77	191·60	.....	.....	.....	.....
27	.....	196·64	195·22	192·47	191·06	.....	.....	.....	191·47	190·07	.....	.....
28	.....	.....	195·14	192·39	191·06	191·14	192·64	.....	.....	.....	189·72	189·82
29	.....	196·64	195·22	192·31	191·02	191·47	.....	.....	.....	.....	.....	.....
30	.....	.....	195·14	192·22	190·97	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	192·22	.....	.....	.....	.....	.....	189·95	.....	.....

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1905–06.

TABLE No. 179.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	192·12	193·97	.....	191·97	191·17	.....	191·67	191·37	.....	.....	191·02
2	.....	192·29	193·92	.....	191·92	191·17	191·17	191·27	191·36	190·77	.....	190·97
3	.....	192·27	193·77	192·47	191·87	.....	191·07	191·07	.....	190·69	.....	190·95
4	192·07	192·47	.....	192·27	191·82	.....	191·02	191·02	191·13	190·69	.....	.....
5	192·37	192·62	193·72	192·17	191·77	191·27	190·97	.....	190·97	190·67	.....	190·97
6	192·77	192·82	193·67	192·07	.....	191·27	190·92	191·07	190·87	190·62	191·47	190·85
7	192·87	.....	193·57	191·97	.....	191·25	190·87	190·97	190·84	.....	191·37	190·80
8	192·87	193·07	193·67	191·97	191·62	191·22	.....	190·97	190·83	190·62	191·28	190·77
9	.....	193·37	193·62	.....	191·47	191·22	190·88	190·97	190·80	190·57	191·22	190·77
10	192·97	193·47	193·62	191·87	191·42	.....	190·77	190·95	.....	190·47	191·20	190·72
11	192·97	193·62	.....	191·87	.....	191·27	190·67	190·96	190·87	190·44	.....	.....
12	193·07	.....	193·62	191·77	191·37	191·17	190·85	.....	190·77	190·44	191·17	190·70
13	192·97	193·97	193·57	191·77	.....	191·22	190·82	191·07	190·69	190·45	191·15	190·66
14	192·97	.....	193·57	191·77	191·47	191·17	190·82	191·07	190·67	190·51	191·05	190·59
15	192·97	194·07	193·57	191·77	191·27	191·07	.....	190·97	190·62	190·52	190·94	190·58
16	.....	194·12	193·57	.....	191·37	191·07	.....	190·97	190·87	190·47	190·76	190·55
17	193·07	.....	193·57	191·77	191·27	.....	190·95	191·02	.....	190·45	190·80	190·52
18	192·67	.....	.....	191·77	191·17	191·32	190·92	190·97	190·65	190·45	.....	.....
19	192·57	194·37	193·57	191·77	191·07	191·47	190·97	.....	190·58	190·45	190·86	190·54
20	192·57	194·37	193·57	191·72	.....	191·62	191·07	191·02	190·55	190·45	190·78	190·48
21	192·47	.....	193·52	191·72	191·12	191·47	191·12	190·97	190·56	.....	190·78	190·42
22	192·37	194·47	193·37	191·67	191·02	191·52	.....	190·97	190·57	190·49	190·96	190·39
23	.....	194·47	193·27	.....	190·99	191·47	191·45	190·92	190·55	190·86	190·97	190·36
24	192·27	.....	193·07	191·77	191·02	191·47	191·57	190·92	.....	191·47	190·97	190·28
25	192·22	194·27	.....	191·67	191·02	191·57	191·62	190·89	.....	191·75	.....	.....
26	191·97	194·27	192·97	191·72	191·02	191·32	.....	.....	190·64	191·77	191·26	190·34
27	191·97	194·17	192·97	191·67	.....	191·22	191·72	190·97	190·54	191·67	191·17	190·52
28	191·87	.....	192·77	191·67	191·12	191·17	191·77	190·92	190·49	.....	191·09	190·77
29	191·87	194·17	192·62	191·67	191·12	191·15	.....	190·92	190·55	191·84	.....	190·78
30	.....	194·07	192·52	.....	191·12	191·15	191·72	190·97	190·58	191·77	.....	190·95
31	.....	194·02	.....	191·97	191·12	.....	191·62	.....	.....	191·77	.....	190·97

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1906.

TABLE No. 180.

1	.....	193·77	194·77	.....	191·45	190·24	189·82	.....	190·45	.....	.....	.....
2	191·12	193·79	194·76	.....	191·39	.....	189·75	190·00	.....	.....	.....	.....
3	191·12	193·87	.....	193·48	191·35	.....	189·64	190·03	190·45	.....	.....	.....
4	191·17	193·97	194·65	193·92	191·29	190·35	189·67	.....	.....	.....	.....	.....
5	191·27	194·27	194·52	193·78	.....	190·22	189·63	190·18	190·34	.....	.....	.....
8	191·37	.....	194·51	193·67	191·22	190·15	189·71	190·29	.....	.....	.....	.....
7	191·44	194·47	194·39	193·55	191·20	190·11	.....	190·22	190·32	.....	.....	.....
8	.....	194·62	194·39	.....	191·15	190·04	189·78	190·10	.....	.....	.....	.....
9	191·67	.....	194·72	193·42	191·17	.....	189·68	189·99	.....	.....	.....	.....
10	191·82	194·82	194·67	193·17	190·98	190·14	189·73	190·12	190·32	.....	.....	.....
11	191·87	194·82	194·77	193·05	190·95	190·02	189·67	.....	.....	.....	.....	.....
12	191·90	194·97	194·82	192·92	.....	189·97	189·59	190·33	190·22	.....	.....	.....
13	.....	.....	194·87	192·82	191·09	189·89	189·57	190·27	.....	.....	.....	.....
14	191·87	195·17	194·82	192·72	191·02	189·96	.....	190·26	190·19	.....	.....	.....
15	.....	195·17	194·87	.....	190·95	189·81	189·77	190·16	.....	.....	.....	.....
16	192·07	195·26	194·82	192·58	190·88	.....	189·68	190·25	.....	.....	.....	.....
17	192·07	195·27	194·82	192·47	190·87	189·89	189·68	190·24	.....	.....	.....	.....
18	192·17	195·32	194·87	192·32	190·78	189·85	.....	.....	190·29	.....	.....	.....
19	192·27	.....	194·82	192·19	.....	189·78	189·59	190·35	.....	.....	.....	.....
20	192·47	195·27	194·77	192·12	190·77	189·69	189·77	190·34	190·13	.....	.....	.....
21	192·67	195·22	194·77	192·00	190·75	189·72	.....	190·16	.....	.....	.....	.....
22	.....	195·17	194·69	.....	190·67	189·64	189·90	190·22	190·12	.....	.....	.....
23	193·37	195·12	194·65	191·99	190·67	.....	189·90	190·22	.....	.....	.....	.....
24	193·67	195·02	.....	191·85	190·59	189·84	189·78	190·15	.....	.....	.....	.....
25	193·67	195·05	194·66	191·75	190·51	189·67	189·85	.....	.....	.....	.....	.....
26	193·77	195·02	194·57	191·65	.....	189·58	189·86	190·34	.....	.....	.....	.....
27	193·87	194·97	191·52	191·59	190·56	189·65	189·78	190·39	190·07	.....	.....	.....
28	193·82	194·96	194·45	191·52	190·45	189·60	.....	190·40	.....	.....	.....	.....
29	.....	194·87	194·44	.....	190·36	189·56	190·12	190·44	190·03	.....	.....	.....
30	193·92	194·85	194·35	191·59	190·34	.....	189·95	190·37	.....	.....	.....	.....
31	.....	194·82	.....	191·50	190·32	.....	189·97	.....	.....	.....	.....	.....

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1908.

TABLE No. 181.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			196·47									
2			196·57									
3		195·97	196·57									
4		195·97	196·67									
5		195·97	196·77									
6		195·87	196·77									
7		195·97	196·77									
8		195·97	196·67									
9		196·37	196·67									
10		196·57	196·57									
11		196·67	196·47									
12		196·77	196·07									
13		197·07	195·97									
14		197·17										
15		197·27										
16		197·37										
17		197·57										
18		197·57										
19		197·37										
20		197·27										
21		197·27										
22		197·17										
23		197·17										
24		197·07										
25		196·97										
26		196·87										
27		196·77										
28		196·57										
29		196·47										
30		196·47										
31												

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1909–10.

TABLE No. 182.

1			198·2	194·2	193·4	191·7		191·7	191·6	190·5	190·1	189·5
2			198·0	194·2	193·3	191·6	191·3	191·6	191·6	190·5	190·1	189·5
3		195·1	197·9		193·3	191·0	191·3	191·6		190·6	190·0	189·5
4		195·0	197·7		193·3		191·3	191·6		190·5	190·0	189·6
5		194·9	197·6	193·8	193·3		191·3	191·6		190·5	190·0	189·6
6		194·8	197·5	193·7	193·0	191·6	191·3	191·6		190·3	190·0	189·7
7		194·8	197·3	193·6	192·9	191·5	191·3	191·6		190·3	189·9	189·9
8		194·7	197·0	193·4	192·8	191·5	191·2	191·5		190·3	189·8	190·0
9		194·8	196·9	193·3	192·7	191·5	191·2	191·5		190·3	189·8	190·1
10		195·0	196·7	193·2	192·5	191·5	191·2	191·5	191·3	190·3	189·8	190·0
11		195·3	196·5	193·1	192·5	191·5	191·3	191·5	191·6	190·2	189·8	190·0
12		195·8	196·3	193·1	192·4	191·5	191·3	191·5	191·6	190·2	189·8	190·0
13		196·1	196·2		192·3	191·5	191·3	191·5	191·4	190·2	189·8	190·0
14		196·4	196·1		192·3	191·5	191·3	191·5	191·3	190·2	189·8	190·1
15		196·6	195·9		192·2	191·5	191·2	191·4	191·2	190·1	189·8	190·1
16		196·9	195·7	192·7	192·2	191·5	191·2	191·4	191·1	190·1	189·8	190·0
17		197·1	195·7	192·5	192·1	191·5	191·5	191·4	191·0	190·1	189·7	190·0
18		197·3		192·5	192·1	191·5	191·4		191·0	190·1	189·7	190·0
19		197·5	195·4	192·5	192·1	191·5	191·4	191·4	191·0	190·1	189·7	189·9
20		197·8	195·3	192·5	192·1	191·5	191·4	191·5	191·0	190·1	189·7	190·0
21		198·0		192·3	192·0	191·5	191·4	191·5	191·0	190·0	189·7	190·2
22		198·1	195·2	192·3	192·0	191·5	191·4	191·6	190·9	190·1	189·7	190·3
23		198·2		192·3	192·0	191·5	191·5	191·6	190·8	190·2	189·6	190·4
24		198·3	194·9		192·0	191·4	191·5	191·6	190·8	190·2	189·6	190·6
25		198·3	194·8	192·4	192·0	191·4	191·5	191·6	190·8	190·2	189·6	191·0
26		198·3	194·7	192·2		191·4	191·5	191·6	190·8	190·2	189·5	191·3
27		198·3		192·3	191·8	191·4	191·6	191·6	190·8	190·1	189·6	191·4
28		198·3	194·5	193·3	191·9		191·6	191·6	190·6	190·1	189·6	191·5
29		198·4		193·3			191·7	191·6	190·6	190·1		191·6
30		198·4	194·3	193·5	191·5			191·6	190·5	190·1		191·7
31		198·4		193·5	191·7			191·6	190·5	190·1		191·9

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1910–11.

TABLE No. 183.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	192·2	193·8	193·0	191·8	190·5	190·3	190·1	191·0	191·4	190·1	189·4	188·7
2	192·3	193·9	193·0	191·7	190·5	190·4	190·2	191·1	191·5	190·1	189·3	188·6
3	192·5	193·9	193·0	191·8	190·4	190 4	190 1	191·1	191·5	190·2	189·4	188·6
4	192·7	194·0	193·1	191·7	190·4	190·6	190·1	191·2	191·4	190·1	189·4	188·6
5	193·0	194·0	193·2	191·6	190·4	190·7	190·0	191·2	191·4	190·0	189·3	188·6
6	193·2	194·0	193·4	191·5	190·3	190·3	190·0	191·3	191·1	190·0	189·4	188·6
7	193·4	194·0	193·5	191·4	190·4	190·7	190·2	191·4	191·1	189·9	189·4	188·6
8	193·6	193·8	193·6	191·4	190·5	190·6	190·2	191·4	190·9	190·0	189·3	188·5
9	193·7	193·8	193·6	191·3	190·4	190 6	190 3	191·3	190·8	190·0	189·3	188·5
10	193·7	193·7	193·5	191·3	190·3	190·5	190·4	191·2	190·7	189·9	189·3	188·5
11	193·7	193·6	193·4	191·2	190·5	190·5	190·5	191·3	190·7	189·9	189·2	188·5
12	193·7	193·6	193·5	191·1	190·5	190·6	190·6	191·3	190·7	189·9	189·3	188·6
13	193·7	193·5	193·4	191·1	190·4	190·6	190·7	191·3	190·6	189·8	189·3	188·6
14	193·6	193·5	193·3	191·0	190·5	190·5	190·8	191·3	190·6	189·7	189·2	188·6
15	193·5	193·5	193·3	190·9	190·5	190·5	190·9	191·3	190·6	189·7	189·2	188·7
16	193·3	193·6	193·2	190·9	190·5	190·5	191·0	191·3	190·5	189·6	189·2	188·7
17	193·3	193·5	193·2	190·8	190·4	190·4	191·0	191·3	190·5	189·6	189·1	188·7
18	193·2	193·4	193·1	190·8	190·5	190·4	190·8	191·3	190·4	189·6	189·1	188·7
19	193·3	193·4	193·0	190·7	190·6	190·4	190·9	191·3	190·5	189·6	189·1	188·8
20	193·3	193·3	192·9	190·7	190·5	190·3	190·9	191·3	190·4	189·5	189·1	188·9
21	193·3	193·3	192·8	190·6	190·5	190·3	190·9	191·3	190·4	189·5	189·1	188·9
22	193·5	193·3	192·7	190·6	190·5	190·3	190·8	191·3	190·3	189·5	189·0	188·8
23	193·4	193·3	192·6	190·5	190·4	190·2	191·0	191·2	190·3	189·6	189·0	188·9
24	193·5	193·2	192·5	190·5	190·5	190·1	191·0	191·2	190·3	189·6	188·9	188·9
25	193·5	193·1	192·4	190·4	190·4	190·2	191·0	191·4	190·3	189·5	188·8	188·8
26	193·6	193·0	192·3	190·5	190·5	190·2	190·9	191·4	190·3	189·5	188·8	188·9
27	193·7	193·0	192·2	190·4	190·2	190·1	190·8	191·5	190·3	189·5	188·9	189·0
28	193·8	193·0	192·1	190·4	190·2	190·1	190·9	191·5	190·2	189·4	188·8	189 6
29	193·7	193·0	192·0	190·3	190·3	190·1	190·9	191·4	190·2	189·4	.....	189·4
30	193·8	193·0	191·9	190·3	190·2	190·0	191·0	191·5	190·2	189·4	.....	189·4
31	.....	193·0	.....	190·2	190·2	.....	191·1	.....	190·2	189·4	.....	189·3

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1911–12.

TABLE No. 184.

1	189·3	193·6	194·6	192·5	190·4	189·9	189·4	189·5	191·0	190·6	190·0	189 6
2	189·3	193·9	194·5	192·6	190·3	190·0	189·4	189·5	191·0	190·8	190·0	189·6
3	189·4	194·2	194·5	192·6	190·3	190·0	189·4	189·5	191·0	190·8	190·0	189·6
4	189·3	194·3	194·5	192·4	190·3	190·1	189·4	189·5	191·0	190·9	190·0	189·6
5	189·3	194·6	194·2	192·3	190·3	190·1	189·4	189·6	190·9	190·9	190·0	189·6
6	189·4	194·8	194·1	192·2	190·4	190·1	189·4	189·6	190·8	190·9	189·9	189·6
7	189·6	195·1	194·0	192·1	190·5	190·0	189·4	189·7	190·8	190·7	189·9	189·6
8	189·9	195·5	194·0	192·0	190·4	190·0	189·4	189·9	190·8	190·6	189·9	189·6
9	190·2	195·8	194·0	191·9	190·4	189·9	189·4	189·8	190·9	190·5	189·8	189·6
10	190·5	195·9	193·8	191·8	190·4	189·9	189·4	189·8	190·9	190·5	189·8	189·6
11	190·7	195·7	193·8	191·6	190·3	189·9	189·4	190·0	191·0	190·5	189·8	189·6
12	190·9	195·6	193·7	191·5	190·3	189·9	189·3	190·0	191·0	190·4	189·8	189·7
13	191·0	195·6	193·8	191·3	190·3	189·9	189·3	190·2	191·1	190·4	189·8	189·7
14	191·1	195·3	193·8	191·2	190·3	189·8	189·3	190·3	191·1	190·4	189·7	189·7
15	191·3	195·2	193·7	191·1	190·1	189·8	189·3	190·4	191·2	190·4	189·7	189·7
16	191·5	195·1	193·6	191·1	190·3	189·7	189·3	190·4	191·2	190·4	189·7	189·7
17	191·7	195·0	193·5	191·0	190·2	189·7	189·3	190·4	191·3	190·3	189·6	189·7
18	191·8	194·9	193·5	191·0	190·2	189·7	189·3	190·5	191·3	190·2	189·6	189·7
19	191·8	194·8	193·4	190·9	190·3	189·7	189·3	190·6	191·4	190·3	189·6	189·7
20	191·9	194·8	193·3	190·8	190·2	189·7	189·3	190·7	191·4	190·3	189·6	189·7
21	192·1	194·8	193·2	190·8	190·2	189·7	189·3	190·6	191·4	190·3	189·6	189·7
22	192·2	194·7	193·0	190·7	190·2	189·7	189·3	190·7	191·4	190·3	189·7	189·7
23	192·3	194·7	192·9	190·7	190·2	189·6	189·3	190·7	191·4	190·2	189·7	189·7
24	192·4	195·2	192·8	190·6	190·1	189·6	189·4	190·7	191·4	190·2	189·7	189·7
25	192·4	195·1	192·7	190·5	190·0	189·6	189·4	190·8	191·4	190·2	189·7	189·7
26	192·4	194·8	192·6	190·4	190·1	189·6	189·4	190·9	191·4	190·1	189·7	189·7
27	192·5	194·7	192·5	190·4	190·1	189·5	189·4	190·9	191·3	190·1	189·7	189·7
28	192·7	191·6	192·6	190·4	190·1	189·5	189·4	190·9	191·3	190·1	189·6	189·7
29	193·0	194·7	192·7	190·3	190·1	189·5	189·5	191·0	191·1	190·1	189·6	189·7
30	193·3	194·6	192·6	190·3	190·0	189·5	189·5	191·0	189·8	190·1	.....	189·7
31	.....	194·5	.....	190·4	190·0	.....	189·5	.....	190·3	190·1	.....	189·7

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1912–13.

TABLE No. 185.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	189·7	193·3	195·9	193·3	191·2	190·3	190·3	191·4	191·7	191·1	191·0	190·5
2	189·7	193·3	195·9	193·1	191·0	190·3	190·3	191·5	191·6	191·1	191·0	190·6
3	189·7	193·3	196·0	193·0	191·1	190·3	190·2	191·5	191·5	191·1	191·0	190·8
4	189·6	193·4	195·9	193·0	191·0	190·3	190·3	191·5	191·6	191·1	190·9	190·8
5	189·6	193·4	195·9	192·9	191·0	190·2	190·3	191·5	191·6	191·1	190·9	190·7
6	189·7	193·6	195·8	192·8	191·0	190·3	190·3	191·5	191·6	191·1	190·9	190·8
7	189·8	193·7	195·7	192·6	191·0	190·3	190·3	191·6	191·9	191·0	190·9	190·8
8	190·5	193·7	195·6	192·6	190·9	190·3	190·3	191·9	192·0	191·0	190·8	190·8
9	190·8	193·8	195·5	192·5	190·8	190·4	190·3	192·1	192·0	190·9	190·8	190·8
10	190·9	193·8	195·4	192·4	190·7	190·3	190·4	192·2	192·4	190·8	190·8	190·8
11	191·0	193·9	195·2	192·4	190·8	190·4	190·3	192·4	192·2	190·9	190·7	190·7
12	191·3	194·0	195·1	192·3	190·8	190·4	190·3	192·5	191·9	191·0	190·7	190·6
13	191·5	194·1	195·0	192·2	191·0	190·4	190·4	192·4	191·7	191·0	190·7	190·6
14	191·7	194·3	194·9	192·1	190·9	190·4	190·4	192·6	191·6	190·9	190·6	190·6
15	191·8	194·4	194·7	192·0	190·9	190·4	190·4	192·7	191·6	190·8	190·6	190·6
16	192·0	194·5	194·6	192·0	190·9	190·4	190·4	192·6	191·6	190·9	190·7	191·1
17	192·3	194·4	194·6	192·0	190·9	190·4	190·4	192·6	191·5	191·0	190·7	191·3
18	192·5	194·6	194·5	191·9	190·9	190·3	190·4	192·4	191·5	191·1	190·7	191·1
19	192·7	194·8	194·4	191·9	191·0	190·3	190·4	192·2	191·5	191·2	190·7	191·1
20	193·0	194·8	194·3	191·8	190·8	190·3	190·5	192·1	191·5	191·2	190·7	191·3
21	193·1	194·8	194·3	191·7	190·8	190·3	190·5	192·0	191·4	191·2	190·7	191·3
22	193·3	194·8	194·3	191·7	190·7	190·3	190·5	191·9	191·3	191·2	190·7	192·8
23	193·4	194·8	194·3	191·7	190·6	190·3	190·5	191·9	191·3	191·1	190·7	192·8
24	193·4	194·9	194·2	191·7	190·5	190·3	190·6	191·8	191·3	191·2	190·7	192·8
25	193·4	195·1	194·1	191·6	190·5	190·3	190·9	192·0	191·2	191·1	190·6	193·2
26	193·4	195·3	194·0	191·5	190·5	190·3	191·1	191·8	191·3	191·1	190·6	193·3
27	193·4	195·4	193·8	191·5	190·5	190·3	191·2	191·7	191·2	191·2	190·5	193·4
28	193·4	195·6	193·6	191·4	190·5	190·4	191·3	191·8	191·2	191·1	190·5	193·4
29	193·3	195·8	193·5	191·4	190·5	190·3	191·4	191·7	191·2	191·0	.....	193·4
30	193·3	195·9	193·5	191·3	190·4	190·3	191·4	191·6	191·2	191·0	.....	193·3
31	.....	196·0	.....	191·2	190·5	.....	191·4	.....	191·2	191·0	.....	193·4

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1913–14.

TABLE No. 186.

1	193·7	194·3	193·6	191·3	190·7	190·4	190·2	190·6	192·2	191·2	190·2	190·2
2	193·7	194·6	193·5	191·2	190·7	190·4	190·2	190·7	192·2	191·1	190·3	190·3
3	193·7	194·9	193·4	191·0	190·7	190·4	190·2	190·7	192·3	190·9	190·2	190·3
4	193·7	195·4	193·4	191·1	190·7	190·4	190·2	190·7	192·3	190·9	190·2	190·2
5	193·8	195·8	193·3	191·0	190·7	190·3	190·1	190·8	192·3	191·0	190·2	190·2
6	193·8	195·9	193·2	190·9	190·6	190·4	190·1	190·7	192·2	190·9	190·2	190·1
7	193·9	195·9	193·1	190·8	190·6	190·3	190·0	190·7	192·1	190·9	190·3	190·1
8	193·9	195·8	193·0	190·8	190·6	190·4	190·0	190·7	192·3	190·8	190·2	190·1
9	193·8	195·7	193·0	190·8	190·6	190·4	189·9	190·8	192·3	190·8	190·3	190·1
10	193·8	195·6	193·0	190·7	190·5	190·3	189·9	190·8	192·4	190·8	190·3	190 1
11	193·8	195·6	192·9	190·8	190·6	190·3	189·8	190·9	192·3	190·8	190·3	190·0
12	193·9	195·5	192·9	190·7	190·6	190·3	189·8	190·9	192·2	190·8	190·3	190·0
13	193·9	195·5	192·8	190·7	190·5	190·3	189·9	191·0	192·1	190·7	190·2	190·0
14	193·8	195·3	192·7	190·7	190·5	190·3	189·8	191·1	192·1	190·6	190·3	190·0
15	193·7	195·2	192·6	190·6	190·4	190·3	189·8	191·2	192·0	190·6	190·3	190·1
16	193·8	195·0	192·6	190·6	190·4	190·2	189·8	191·4	192·0	190·5	190·3	190·2
17	193·8	194·9	192·6	190·7	190·4	190·2	189·8	191·5	191·9	190·5	190·3	190·2
18	193·7	194·8	192·6	190·6	190·4	190·2	189·8	191·6	191·8	190·5	190·3	190·2
19	193·9	194·7	192·6	190·7	190·3	190·1	189·8	191·6	191·8	190·5	190·3	190·3
20	194·0	194·6	192·6	190·8	190·2	190·1	189·8	191·7	191·9	190·5	190·3	190·3
21	193·9	194·5	192·6	190·9	190·1	190·0	189·8	191·7	191·8	190·5	190·2	190·2
22	193·9	194·3	192·4	190·9	190·1	190·1	189·9	191·6	191·7	190·4	190·2	190·3
23	193·8	194·2	192·3	190·9	190·2	190·2	189·9	191·7	191·7	190·4	190·3	190·3
24	193·8	194·4	192·2	190·9	190·2	190·2	189·9	191·6	191·6	190·4	190·3	190·3
25	193·8	194·1	192·0	190·9	190·3	190·2	190·0	191·4	191·6	190·4	190·2	190·2
26	193·8	194·0	191·8	190·8	190·3	190·1	190·0	191·5	191·6	190·4	190·2	190·3
27	193·7	194 1	191 7	190·8	190·3	190·1	190·2	191·7	191·5	190·4	190·2	190·3
28	193·9	194·0	191·6	190·9	190·3	190·2	190·3	191·8	191·3	190·3	190·2	190·6
29	193·9	193·9	191·5	190·8	190·3	190·2	190·4	192·0	191·2	190·2	.....	190·8
30	194·0	193·8	191·4	190·8	190·3	190·1	190·5	192·1	191·2	190·2	.....	190·9
31	.....	193·7	.....	190·7	190·3	.....	190·6	.....	191·2	190·2	.....	190·9

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1914–15.

TABLE No. 187.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	190·9	193·0	192·2	191·9	190·2	189·5	189·1	188·9	189·5	189·4	189·4	189·8
2	191·0	193·2	192·1	192·0	190·2	189·5	189·1	189·1	189·5	189·5	189·4	189·7
3	191·1	193·3	192·0	192·0	190·1	189·5	189·0	188·9	189·6	189·5	189·5	189·7
4	191·1	193·5	192·0	191·9	190·1	189·5	189·0	188·8	189·6	189·5	189·4	189·6
5	191·1	193·6	191·9	191·9	190·0	189·4	189·1	188·9	189·6	189·4	189·4	189·5
6	191·1	193·7	191·8	191·9	190·0	189·4	189·0	188·9	189·6	189·4	189·4	189·5
7	191·1	193·7	191·9	191·8	189·9	189·5	189·0	188·8	189·7	189·5	189·4	189·5
8	191·1	193·7	192·1	191·7	189·8	189·6	188·9	188·9	189·7	189·5	189·5	189·5
9	191·2	193·7	192·0	191·6	189·8	189·4	188·9	189·0	189·7	189·5	189·5	189·4
10	191·2	193·7	192·1	191·5	189·8	189·4	188·9	188·9	189·7	189·5	189·5	189·4
11	191·1	193·7	192·0	191·5	189·8	189·3	189·0	188·9	189·7	189·5	189·4	189·4
12	190·9	193·7	192·1	191·5	189·8	189·3	189·1	188·9	189·7	189·5	189·4	189·4
13	190·8	193·7	191·9	191·4	189·7	189·3	189·0	188·7	189·7	189·5	189·4	189·3
14	190·8	193·7	191·8	191·3	189·7	189·4	188·9	188·8	189·8	189·5	189·4	189·4
15	190·8	193·6	191·8	191·3	189·7	189·3	188·9	188·8	189·7	189·5	189·5	189·4
16	190·7	193·6	191·7	191·2	189·6	189·3	188·9	189·2	189·7	189·5	189·4	189·4
17	190·7	193·6	191·6	191·1	189·6	189·3	188·9	189·2	189·6	189·5	189·4	189·4
18	190·7	193·6	191·6	191·0	189·6	189·3	188·9	189·2	189·6	189·5	189·4	189·4
19	190·7	193·5	191·7	191·0	189·6	189·3	189·0	189·1	189·5	189·6	189·4	189·4
20	191·0	193·3	192·1	191·0	189·6	189·2	189·0	189·1	189·6	189·5	189·4	189·4
21	191·2	193·1	192·0	190·9	189·6	189·3	188·9	189·2	189·6	189·5	189·4	189·4
22	191·3	192·9	192·2	190·8	189·6	189·3	188·9	189·2	189·6	189·4	189·4	189·5
23	191·5	192·8	192·2	190·8	189·5	189·3	188·9	189·4	189·5	189·5	189·4	189·5
24	191·7	192·6	192·2	190·7	189·6	189·2	188·9	189·4	189·5	189·5	189·4	189·7
25	191·9	192·6	192·3	190·6	189·5	189·2	188·8	189·3	189·5	189·5	189·5	189·8
26	192·2	192·5	192·1	190·6	189·5	189·2	189·1	189·3	189·5	189·5	189·6	190·0
27	192·4	192·5	192·0	190·6	189·5	189·2	188·9	189·4	189·5	189·5	189·7	190·0
28	192·6	192·5	191·9	190·5	189·4	189·2	188·9	189·4	189·5	189·5	189·7	190·1
29	192·7	192·5	192·1	190·4	189·4	189·1	188·8	189·4	189·4	189·4	.....	190·1
30	192·9	192·4	192·0	190·3	189·5	189·2	188·9	189·5	189·4	189·4	.....	190·0
31	.....	192·3	.....	190·2	189·5	.....	188·9	.....	189·4	189·4	.....	189·9

Elevations above M.S.L. of Ottawa River at Bronson's Point, for 1904–05.

TABLE No. 188.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	132·67	131·87	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131·27	130·87
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	132·57	131·67	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130·85
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131·23	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	132·02	.....	130·67
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131·15	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	132·67	131·92	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131·27	130·62
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	132·39	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	131·80	131·15	130·42
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	132·29	131·82	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131·10	130·57
22	.....	.....	.....	.....	.....	.....	.....	132·66	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	132·12	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	131·77	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130·99	130·47
26	.....	.....	.....	.....	.....	.....	.....	132·48	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	132·17	131·67	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131·00	131·53
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	132·15	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	131·47	.....	135·37

SESSIONAL PAPER No. 19a

Elevations above M.S L. of Ottawa River at Bronson's Point for 1905–06.

TABLE No. 189.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	134·07	138·52	.....	133·02	130·27	.....	131·75	130·59	.....	.....	132·97
2	.....	134·87	138·37	.....	132·92	130·32	130·17	131·72	132·17	131·20	.....	132·67
3	.....	135·67	138·07	134·12	132·82	.....	130·15	131·82	.....	131·20	.....	132·54
4	137·47	135·87	.....	133·82	132·67	.....	130·07	131·52	132·04	131·39	.....	.....
5	137·77	136·47	137·77	133·52	132·57	130·47	130·02	.....	131·97	131·29	.....	132·40
6	137·82	136·67	137·67	133·52	.....	130·57	129·87	131·72	131·77	131·25	133·87	132·34
7	137·62	.....	137·52	133·32	132·32	130·52	129·89	131·32	131·59	.....	133·77	132·25
8	137·07	137·27	137·32	133·17	132·32	130·37	.....	131·37	131·49	131·09	133·60	132·19
9	.....	137·57	137·27	.....	132·12	130·37	129·77	131·12	131·49	131·13	133·40	132·09
10	136·22	138·27	137·17	132·97	132·02	.....	129·92	131·77	131·32	131·07	133·29	132·02
11	136·17	139·17	.....	132·97	.....	130·37	129·97	131·27	131·57	130·96	.....	.....
12	135·87	139·22	136·97	132·97	131·72	130·37	129·92	.....	131·49	130·99	132·95	131·77
13	136·02	139·47	136·92	132·92	.....	130·32	129·82	131·32	131·37	130·89	132·82	131·77
14	136·02	.....	136·92	132·92	131·72	129·97	129·92	131·37	131·22	130·76	132·89	131·63
15	136·02	139·92	136·82	132·92	131·77	130·07	.....	131·27	131·17	130·89	132·77	131·50
16	.....	139·87	136·72	.....	131·62	130·02	.....	131·37	131·14	130·92	132·69	131·38
17	135·62	139·87	136·72	132·97	131·47	.....	130·32	131·17	.....	130·87	132·50	131·32
18	135·47	139·97	.....	132·97	131·37	130·32	130·52	131·15	131·00	130·88	.....	.....
19	135·37	139·97	136·67	132·97	131·22	130·57	130·57	.....	130·97	130·85	132·30	131·10
20	135·17	140·07	136·67	133·02	.....	130·77	131·02	130·97	130·87	130·82	132·27	131·12
21	135·07	.....	136·52	132·97	131·02	130·82	130·77	130·97	131·09	.....	132·18	130·97
22	135·02	140·37	136·37	132·97	130·87	130·77	.....	130·97	131·09	130·85	132·60	130·82
23	.....	140·27	136·17	.....	130·67	130·72	131·27	130·87	131·05	131·55	132·78	130·75
24	134·57	.....	135·87	132·82	130·62	130·57	131·52	130·97	.....	133·97	132·74	130·69
25	134·47	139·82	.....	132·77	130·57	130·67	131·72	130·75	.....	134·62	.....	.....
26	134·47	139·62	135·57	132·67	130·47	130·67	.....	.....	130·97	134·67	133·32	130·47
27	134·37	139·37	135·32	132·67	.....	130·57	132·02	131·07	130·92	134·59	133·32	131·78
28	134·17	.....	135·07	132·67	130·27	130·47	131·99	131·37	130·85	.....	133·02	132·94
29	134·12	138·97	134·77	132·77	130·22	130·42	.....	131·32	130·97	134·37	.....	133·42
30	.....	138·87	134·52	.....	130·37	130·32	131·92	131·07	131·02	134·22	.....	133·58
31	.....	138·72	.....	133·02	130·32	.....	131·97	.....	.....	134·22	.....	133·50

Elevations above M.S.L. of Ottawa River at Bronson's Point for 1906.

TABLE No. 190.

1	.....	137·16	139·47	.....	131·91	129·13	128·27	.....	129·63	.....	.....	.....
2	132·92	.....	139·18	.....	131·79	.....	128·40	129·15	.....	.....	.....	.....
3	132·78	137·42	.....	137·12	131·70	.....	128·36	129·12	.....	.....	.....	.....
4	132·74	137·57	138·87	136·81	131·60	129·13	128·33	.....	130·34	.....	.....	.....
5	132·77	137·87	138·67	136·62	.....	129·12	128·32	129·02	.....	.....	.....	.....
6	132·82	.....	138·67	136·42	.....	129·02	128·40	129·12	130·42	.....	.....	.....
7	132·84	138·44	138·77	136·10	131·44	129·01	.....	129·15	.....	.....	.....	.....
8	.....	138·68	139·37	.....	131·29	129·01	128·24	129·11	131·65	.....	.....	.....
9	133·22	.....	139·90	135·61	131·17	.....	128·30	129·17	.....	.....	.....	.....
10	133·28	139·47	.....	135·41	131·07	128·95	128·42	129·09	.....	.....	.....	.....
11	132·90	139·55	139·57	135·09	130·97	128·99	128·52	.....	130·40	.....	.....	.....
12	132·86	139·76	139·47	134·82	.....	128·92	128·41	129·09	.....	.....	.....	.....
13	.....	.....	139·47	134·61	130·87	128·87	128·47	129·12	130·27	.....	.....	.....
14	133·04	140·36	139·47	134·41	130·70	128·73	.....	129·07	.....	.....	.....	.....
15	.....	140·47	139·45	.....	130·56	128·74	128·41	129·07	130·29	.....	.....	.....
16	132·72	140·52	139·42	133·92	130·50	.....	128·72	129·05	.....	.....	.....	.....
17	133·57	140·62	.....	133·70	130·49	128·56	128·81	129·04	130·15	.....	.....	.....
18	133·70	140·67	139·42	133·42	130·39	128·62	.....	.....	.....	.....	.....	.....
19	133·97	140·82	139·14	133·24	.....	128·60	129·02	129·06	130·20	.....	.....	.....
20	134·27	.....	139·01	133·10	130·23	128·59	128·97	129·27	.....	.....	.....	.....
21	134·77	140·82	138·82	132·93	130·27	128·55	.....	129·36	130·16	.....	.....	.....
22	.....	140·82	138·77	.....	130·20	128·51	128·81	129·23	.....	.....	.....	.....
23	135·92	140·77	138·75	132·77	130·11	.....	129·04	129·24	.....	.....	.....	.....
24	136·35	140·67	.....	132·70	130·08	128·27	129·14	129·35	130·02	.....	.....	.....
25	136·65	140·38	138·50	132·48	129·97	128·42	129·07	.....	.....	.....	.....	.....
26	136·85	.....	138·45	132·34	.....	128·36	129·11	129·35	129·89	.....	.....	.....
27	137·02	.....	138·26	132·17	129·74	128·29	129·22	129·73	.....	.....	.....	.....
28	137·15	140·17	138·08	132·04	129·78	128·23	.....	129·75	130·02	.....	.....	.....
29	.....	139·97	137·96	.....	129·66	128·47	129·02	129·78	.....	.....	.....	.....
30	137·09	139·75	137·87	131·92	129·47	.....	129·30	129·82	.....	.....	.....	.....
31	.....	139·57	.....	131·93	129·20	.....	129·29	.....	129·89	.....	.....	.....

Elevations above M.S L. of Ottawa River at Rideau Locks for 1850.

TABLE No. 191.

Day.										Jan.	Feb.	March.
1										132·60	131·35	130·80
8										130·35	131·30	130·60
15										131·85	131·20	130·45
22										131·60	131·05	130·20

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1850–51.

TABLE No. 192.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130·05	140·45	141·45	134·10	132·30	129·35	130·95	132·30	132·30	132·05	130·60	131·10
8	131·20	141·80	139·30	133·35	131·55	129·95	132·10	132·80	132·60	131·55	130·55	131·10
15	132·35	143·20	137·10	132·60	130·70	130·45	133·20	133·30	132·85	130·95	130·45	131·10
22	136·45	142·20	135·60	132·45	130·05	130·70	132·80	132·80	132·45	130·80	130·80	133·95

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1851–52.

TABLE No. 193.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	136·70	141·05	142·30	137·85	133·70	131·20	129·60	130·80	130·85	130·70	129·80	129·70
8	137·85	141·95	141·45	136·30	133·05	131·10	129·80	131·10	130·85	130·45	129·80	129·85
15	139·05	142·85	140·70	134·80	132·35	131·10	129·85	131·45	130·95	130·20	129·85	130·05
22	140·05	142·55	139·30	134·20	131·80	130·35	130·45	131·20	130·80	130·05	129·80	130·60

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1852–53.

TABLE No. 194.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·20	140·35	141·55	137·85	133·70	131·20	129·60	130·80	130·85	130·60	131·95	131·20
8	132·30	142·70	141·10	136·30	133·05	131·10	129·80	131·10	130·85	132·05	131·80	130·80
15	133·30	145·10	140·70	134·80	132·35	131·10	129·85	131·45	130·95	133·35	131·70	130·45
22	136·85	143·30	139·30	134·20	131·80	130·35	130·45	131·20	130·80	133·60	131·45	130·35

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1853–54.

TABLE No. 195.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130·20	137·20	140·35	136·10	130·10	129·55	130·85	130·85	134·10	131·60	131·05	130·35
8	132·10	138·60	139·95	134·55	130·20	129·85	131·35	131·85	133·30	131·45	130·70	130·70
15	134·20	140·05	139·60	132·95	130·30	130·20	131·85	132·80	132·35	131·35	130·45	131·05
22	135·70	140·20	137·85	131·55	129·95	130·55	131·35	133·45	131·95	131·20	130·35	130·80

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1854–55.

TABLE No. 196.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130·55	137·35	142·05	135·55	131·55	131·85	128·95	130·60	132·85	132·70	131·55	130·45
8	132·70	139·80	140·35	134·45	130·70	130·45	129·60	131·10	133·20	132·20	131·70	130·30
15	134·85	142·10	138·80	133·35	129·85	128·95	130·30	131·55	133·45	131·70	131·85	130·10
22	136·10	142·10	137·10	132·45	130·85	128·95	130·45	132·20	133·05	131·60	131·20	129·95

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1855–56.

TABLE No. 197.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	129·80	143·35	140·85	136·85	131·85	129·85	129·95	132·45	134·95	133·80	131·55	130·20
8	130·30	143·70	140·55	135·30	131·05	130·05	129·95	134·30	135·20	133·45	131·30	129·95
15	130·80	144·05	140·20	133·70	130·10	130·10	132·10	136·20	135·35	133·60	131·05	129·70
22	137·10	142·45	138·55	132·80	129·95	130·05	132·30	135·55	134·55	132·35	130·60	129·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1856–57.

TABLE No. 198.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	129·20	137·85	134·10	131·85	131·85	130·35	132·10	132·60	133·55	132·55	131·95	132·95
8	130·55	137·10	134 10	132·45	130·70	130·80	133·20	133·10	133·55	132·20	132·05	132·55
15	131·85	136·30	134·10	132·95	129·55	131·30	134·30	133·70	133·60	131·80	132·10	132·10
22	134·85	135·20	133·05	132·35	129·95	131·70	133·45	133·60	133·10	131·85	132·55	132·60

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1857–58.

TABLE No. 199.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	132·05	138·10	144·10	141·35	137·35	135·05	133·80	131·80	134·05	.....	.....	.....
8	132·10	140·45	139·55	136·20	132·10	.....	.....	.....	.....	.....	.....	.....
15	135·60	143·85	143·70	137·45	136·35	133·45	132·70	135·70	132·35	.....	.....	.....
22	136·80	142·30	137·85	133·60	130·80	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1858–59.

TABLE No. 200.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	139·55	140·35	135·10	132·70	130·95	133·10	134·05	131·60	130·70	129·70	129·70
8	.....	139·85	139·60	134·70	132·10	132·60	133·05	133·55	131·35	130·30	129·85	129·80
15	138·45	140·10	138·80	134·35	131·55	134·35	132·95	133·05	131·10	130·30	129·80	131·35
22	139·05	140·20	136·95	133·55	131·30	133·70	133·45	131·95	130·85	130·30	129·55	134·05

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1859–60.

TABLE No. 201.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	135·60	138·80	142·10	136·85	132·60	129·85	132·10	131·95	134·70	132·10	132·45	131·95
8	134·60	149·05	139·80	136·20	132·10	129·60	132·85	132·05	135·60	133·95	132·30	132·30
15	134·80	142·45	137·85	134·60	132·10	130·30	132·85	132·30	135·10	133·70	131·95	132·45
22	135·55	142·60	137·70	133·70	130·85	130·60	131·80	134·45	134·85	133·85	131·85	134·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1860–61.

TABLE No. 202.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	134·70	136·55	140·60	137·10	131·20	130·70	130·30	131·60	132·10	131·37	130·85	131·30
8	134·80	140·20	140·20	134·20	130·55	130·35	130·60	132·95	132·05	132·20	130·70	132·55
15	135·80	142·10	138·80	132·80	130·20	129·70	130·55	132·70	132·10	131·05	131·55	132·55
22	135·70	142·55	137·05	131·70	130·35	129·55	130·95	132·60	132·05	130·85	131·60	132·05

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1861–62.

TABLE No. 203.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	132·55	139·85	144·85	136·95	133·10	130·60	131·10	132·95	133·05	133·85	132·35	131·60
8	133·20	144·85	143·35	135·20	132·45	130·55	132·80	135·35	133·20	134·55	132·35	131·45
15	136·10	147·20	141·05	135·30	131·55	131·10	134·55	135·55	135·35	132·35	131·95	131·70
22	138·55	146·30	139·05	134·10	131·30	130·30	132·60	134·10	135·80	133·30	131·85	131·60

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1862–63.

TABLE No. 204.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·55	141·60	137·45	131·45	129·55	128 80	132·80	132·45	132·35	131·60	131·10	130·55
8	131·85	143·35	138·05	131·85	130·70	130·20	131·80	134·10	132·35	131·35	131·05	130·35
15	134·95	142·30	134·10	130·20	129·45	132·20	132·20	132·55	132·05	131·45	130·70	132·05
22	141·05	141·30	134·85	130·35	130·10	132·05	133·30	133·10	132·85	131·30	130·60	129·95

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1863–64.

TABLE No. 205.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130·70	140·20	136·60	132·05	129·55	129·60	128·80	131·70	133 80	132 85	131·60	130·85
8	130 80	140·05	136·45	132 95	130 45	129·35	130·55	132·70	134·45	132·70	131 35	130 60
15	136·20	138·80	134·45	131·95	128·95	128·30	130·45	132·10	134·60	132·30	131·30	130·35
22	138·55	138·85	134·60	132·30	129·20	129·30	131·45	134·70	133·35	131·95	131·05	130·80

Elevations above M.S L. of Ottawa River at Rideau Locks for 1864–65.

TABLE No. 206.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·60	142·85	139·35	132·30	128·85	129·35	132·60	132·60	134·55	134·30	131·85	130·55
8	135·95	144·60	138·85	132·55	129·60	129·20	130·20	133·45	135·20	133·10	131·35	130·45
15	138·05	147·30	137·60	131·55	127·85	129·10	132·60	134·80	135·80	132·70	131·05	130·55
22	137·95	146·30	135·10	131·05	129·85	128·55	132·60	134·30	135·30	132·20	130·70	132·35

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1865–66.

TABLE No. 207.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	136·30	140·95	142·20	135·20	135·80	132·45	129·05	128·80	129·30	129·35	129·10	129·60
8	138·05	142·70	138·60	136·55	134·45	131·60	128·95	128·55	128·80	129·20	129·05	129·60
15	140·10	142·20	136·95	135·95	134·20	130·05	128·70	129 05	129·30	129·10	129·05	129·45
22	140·55	142·10	135·35	135·95	133·95	130·20	128·45	128·70	129·45	129·10	129·10	129·35

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1866–67.

TABLE No. 208.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	128·95	142·45	138·20	136·85	133·20	132·05	132·85	131·85	137·85	137·05	133·95	132·45
8	131·10	139·45	138·60	135·95	132·05	131·45	133·10	132·05	137·85	136·55	133·10	132·20
15	134·60	139·35	138·55	135·10	132·20	133·35	132·20	138·55	137·95	135·35	132·85	132·05
22	138·05	138·85	138·10	133·55	130·85	133·45	131·35	138·05	139·35	134·85	132·85	131·55

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Elevations above M.S.L. of Ottawa River at Rideau Locks for 1867–68.

TABLE No. 209.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·60	138·55	144·70	138·35	134·85	133·70	135·30	131·45	132·10	131·10	130·20	129·45
8	133·20	141·80	143·10	137·05	132·35	129·95	129·95	129·45	131·85	131·05	129·85	129·55
15	134·05	143·55	142·35	135·30	133·20	136·20	132·85	131·20	131·85	130·70	129·70	130·85
22	137·05	144·35	141·05	135·30	131·20	129·60	130·05	129·35	130·95	130·55	129·60	133·10

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1868.

TABLE No. 210.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	132·35	135·35	138·20	132·80	129·05	127·85	128·35	129·85	129·95	.....	.....	.....
8	131·95	137·20	137·55	131·95	128·70	128·10	128·55	130·10	129.70	.....	.....	.....
15	131·45	138·55	135·95	130·95	128·35	128·60	128·95	129·80	129·70	.....	.....	.....
22	132·95	139·60	134·55	130·20	128·30	128·45	129·20	129·95	129·35	.....	.....	.....

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1869.

TABLE No. 211.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest	.....	.....	.....	.....	.....	.....	.....	.....	.....	129·35	128·85	128·90
Lowest	.....	.....	.....	.....	.....	.....	.....	.....	.....	129·30	128·80	128·70
Mean	.....	.....	.....	.....	.....	.....	.....	.....	.....	129·33	128·83	128·80

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1869–70.

TABLE No. 212.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest	141·20	147·10	142·30	138·20	134·85	136·20	135·30	131·85	132·35	132·80	132·70	131·85
Lowest	129·05	141·55	138·30	134·20	133·20	133·70	131·45	131·20	131·70	131·45	131·80	131·05
Mean	135·13	144·33	140·30	136·20	134·03	134·95	133·37	131·53	132·03	132·12	132·25	131·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1870–71.

TABLE No. 213.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest	147·10	146·55	136·35	131·80	130·20	128·60	129·85	132·30	132·05	131·10	130·45	134·95
Lowest	131·85	136·55	131·85	130·30	128·60	127·95	127·55	130·30	130·80	130·55	130·10	130·30
Mean	139·47	141·55	134·10	131·05	129·40	128·28	128·70	131·30	131·42	130·82	130·28	132·62

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1871–72.

TABLE No. 214.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest	141·10	144·60	140·10	134·95	131·60	128·85	129·05	129·80	129·95	129·55	129·10	128·70
Lowest	133·35	140·80	135·30	131·95	129·20	127·35	127·35	129·35	128·45	129·20	128·70	128·30
Mean	137·23	142·70	137·70	133·45	130·40	128·10	128·20	129·58	129·20	129·37	128·90	128·50

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1872–73.

TABLE No. 215.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	134·10	143·80	142·10	135·55	131·80	132·55	133·35	133·45	131·35	131·30	131·05	130·85
Lowest.....	128·35	136·30	135·80	132·10	129·55	129·55	132·10	131·35	130·80	130·30	130·35	129·95
Mean.....	131·25	140·05	138·95	133·83	130·67	131·05	132·72	132·40	131·07	130·80	130·70	130·40

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1873–74.

TABLE No. 216.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	140·45	146·80	146·30	136·95	132·85	130 30	133 55	134 20	133·70	133·05	132·55	134·20
Lowest.....	131·60	139·20	137·05	133·45	130·20	129·20	130·45	133·20	132·35	131·80	131·30	131·30
Mean.....	136·02	143·00	141·67	135·20	131·53	129·75	132·00	133·70	133·05	132·42	131·92	132·75

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1874–75.

TABLE No. 217.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	133·35	144·20	144·45	140·70	133·20	129·35	128·55	129·85	129·85	.....	.....	128·95
Lowest.....	131·55	132·55	141·20	134·55	129·60	128·10	128·10	128·20	129·30	.....	.....	128·80
Mean.....	132·45	138·37	142·83	137·62	131·40	128·73	128·33	129·03	129·57	.....	.....	128·87

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1875–76.

TABLE No. 218.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	134·60	145·95	141·55	134·45	132·20	130·95	131·20	131·85	131·55	132·10	132·05	133·85
Lowest.....	128·95	136·45	135·70	131·95	131·10	129·45	129·35	131·60	130·80	130·80	131·05	131·05
Mean.....	131·77	141·20	137·67	133·20	131·65	130·20	130·27	131·72	131·17	131·45	131·55	132·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1876–77.

TABLE No. 219.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	141·85	151·85	148·10	140·80	133·35	129·70	129·35	133·20	131·95	130·85	129·60	129·45
Lowest.....	132·70	144·30	141·05	133·85	130·05	128·05	128·05	130·35	130·95	129·80	128·85	128·95
Mean.....	137·14	148·53	144·53	137·32	131·70	128·87	128·70	131·77	131·45	130·32	129·22	129·20

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1877–78.

TABLE No. 220.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
Highest.....	137·35	137·35	135·30	133·60	130·85	129·20	130·20	132·35	133·85	133·10	130·60	131·45
Lowest.....	129·55	135·35	132·60	131·10	129·70	128·05	128·05	129·85	133·30	131·20	129·80	129·60
Mean.....	133·25	136·35	133·95	131·85	130·28	128·62	129·10	131·10	133·57	132·15	130·20	130·53

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Elevations above M.S.L. of Ottawa River at Rideau Locks for 1878–79.

TABLE No. 221.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	135·35	137·45	136·05	133·20	130·60	132·05	137·55	137·30	137·05	135·70	132·30	131·45
Lowest.....	130·30	135·45	133·10	130·80	129·70	128·70	131·85	135·55	135·45	132·60	131·45	131·10
Mean.....	132·83	136·45	134·58	132·00	130·15	130·37	134·70	136·42	136·25	134·15	131·87	131·28

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1879–80.

TABLE No. 222.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	138·35	147·20	142·05	135·80	132·95	130·35	130·20	129·30	132·80	132·05	131·80	132·60
Lowest.....	131·10	139·35	135·70	133·45	130·20	129·70	128·60	128·30	129·30	131·60	131·10	131·35
Mean.....	134·72	143·28	138·87	134·62	131·58	130·03	129·40	128·80	131·05	131·82	131·45	131·98

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1880–81.

TABLE No. 223.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	140·70	146·30	144·20	137·85	133·55	130·35	131·55	135·95	135·10	130·85	130·80	132·60
Lowest.....	131·60	141·05	138·05	133·55	130·45	129·30	129·20	131·60	131·85	129·80	129·95	129·95
Mean.....	136·15	143·68	141·12	135·20	132·00	129·82	130·37	133·77	132·98	130·32	130·38	131·28

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1881–82.

TABLE No. 224.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	135·45	142·60	140·35	132·95	130·30	128·10	128·80	129·85	130·80	130·85	131·05	132·70
Lowest.....	130·05	138·35	133·10	130·30	128·30	126·95	126·90	128·80	129·85	129·80	129·55	130·20
Mean.....	132·75	140·48	136·72	131·62	129·30	127·62	127·85	129·37	130·32	130·32	130·30	131·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1882–83.

TABLE No. 225.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	136·30	142·70	142·85	138·30	134·10	133·80	132·55	132·85	131·95	130·85	130·05	130·05
Lowest.....	132·35	136·45	139·55	134·55	132·45	132·45	131·05	131·35	131·10	129·80	129·80	129·55
Mean.....	134·32	139·58	141·20	136·45	133·28	133·12	131·80	132·10	131·52	130·32	129·92	129·80

Elevations above M.L.S. of Ottawa River at Rideau Locks for 1883.

TABLE No. 226.

——	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.....	137·95	140·70	140·70	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lowest.....	129·45	137·85	139·70	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean.....	133·70	139·30	140·20	.....	.....	.....	.....	.....	.....	.....	.....	.....

Elevations above M.L.S. of Ottawa River at Rideau Locks for 1883–84.

TABLE No. 227.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	140·70	136·12	131·54	131·20	131·70	135·37	134·54	132·95	132·04
2	.....	.....	.....	140·79	135·70	131·45	131·37	131·95	135·70	134·37	132·95	132·04
3	.....	.....	.....	141·04	135·45	131·37	131·45	132·29	135·95	134·29	132·87	132·04
4	.....	.....	.....	141·20	135·29	131·20	131·45	132·62	136·45	134·29	132·79	132·04
5	.....	.....	.....	141·20	135·20	131·20	131·37	132·95	136·29	134·20	132·70	132·04
6	.....	.....	.....	140·79	135·12	131·04	131·29	133·12	136·04	134·20	132·70	132·04
7	.....	.....	.....	140·29	134·95	131·04	131·20	133·37	136·12	134·20	132·70	131·95
8	.....	.....	.....	139·79	134·87	131·20	131·04	133·37	136·20	134·20	132·62	131·87
9	.....	.....	.....	139·70	134·79	131·20	130·95	133·37	136·37	134·20	132·54	131·87
10	.....	.....	.....	139·62	134·54	131·12	130·87	133·62	136·45	134·12	132·37	131·87
11	.....	.....	.....	139·37	134·45	131·12	130·79	133·62	136·29	134·12	132·29	131·87
12	.....	.....	.....	139·04	134·29	131·04	130·87	133·70	136·20	134·04	132·29	131·87
13	.....	.....	.....	138·95	134·12	131·20	130·95	133·87	135·95	133·95	132·37	131·87
14	.....	.....	.....	138·62	133·87	131·29	131·29	134·04	136·12	133·87	132·54	131·87
15	.....	.....	.....	138·62	133·70	131·37	131·37	134·12	136·04	133·87	132·37	131·87
16	.....	.....	.....	138·62	133·54	131·45	131·54	134·12	136·04	133·87	132·20	131·87
17	.....	.....	.....	138·79	133·45	131·45	131·70	133·79	136·04	133·87	132·29	131·87
18	.....	.....	.....	138·79	133·37	131·54	131·79	133·62	135·87	133·79	132·37	131·87
19	.....	.....	.....	138·87	133·20	131·45	131·95	133·54	135·79	133·62	132·45	131·87
20	.....	.....	.....	138·87	133·04	131·37	132·20	133·54	135·70	133·62	132·37	131·79
21	.....	.....	.....	138·87	132·87	131·29	132·20	133·54	135·70	133·62	132·29	131·87
22	.....	.....	.....	138·79	132·70	131·20	132·29	133·54	135·62	133·62	132·29	131·95
23	.....	.....	.....	138·70	132·62	131·12	132·20	133·79	135·54	133·62	132·29	132·12
24	.....	.....	.....	138·20	132·54	131·04	132·04	134·04	135·37	133·62	132·29	132·29
25	.....	.....	.....	137·95	132·37	130·95	132·04	134·37	135·20	133·54	132·20	132·54
26	.....	.....	.....	137·54	132·20	130·95	131·95	134·70	135·12	133·54	132·20	133·04
27	.....	.....	.....	137·29	132·12	130·87	131·70	134·95	135·04	133·37	132·20	134·04
28	.....	.....	.....	137·12	132·04	130·95	131·70	135·37	134·95	133·20	132·20	135·29
29	.....	.....	.....	136·70	131·95	131·04	131·70	135·29	134·79	133·20	132·04	136·04
30	.....	.....	.....	136·54	131·79	131·12	131·54	135·12	134·70	133·12	.....	137·04
31	.....	.....	.....	136·20	131·62	.....	131·62	.....	134·62	133·12	.....	137·70

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1884–85.

TABLE No. 228.

1	137·90	140·05	140·45	134·45	132·35	130·20	129·80	133·45	132·60	134·55	132·60	131·95
2	137·90	140·35	140·35	134·10	132·45	130·10	129·85	133·30	132·60	134·80	132·60	131·95
3	137·60	140·55	140·30	133·95	132·55	130·05	129·85	133·10	132·55	135·10	132·35	131·80
4	137·35	140·80	139·80	133·85	132·70	129·85	129·95	132·85	132·35	134·95	132·45	131·60
5	137·10	141·20	139·60	133·70	132·85	129·80	130·05	132·60	132·35	134·70	132·45	131·55
6	136·70	141·80	139·30	133·55	133·05	129·80	130·20	132·62	132·45	134·70	132·45	131·45
7	136·45	142·05	138·95	133·35	133·10	129·80	130·20	132·95	133·20	134·80	132·45	131·35
8	136·30	142·35	138·60	133·30	133·20	129·80	130·30	132·85	135·10	134·80	132·35	131·35
9	136·10	142·60	138·55	133·10	133·30	129·80	130·30	132·70	135·10	134·80	132·30	131·35
10	136·45	142·85	138·55	132·95	133·30	129·80	130·20	132·60	135·05	134·80	132·20	131·35
11	136·80	142·95	138·30	132·80	133·20	129·85	130·10	132·60	135·10	134·70	132·20	131·35
12	136·95	143·05	138·10	132·70	133·05	129·70	130·20	132·60	135·30	134·60	132·20	131·35
13	136·55	143·20	138·05	132·60	132·80	129·60	130·20	132·45	135·35	134·55	132·30	131·30
14	136·10	143·20	137·85	132·55	132·60	129·60	130·45	132·45	135·60	134·35	132·35	131·30
15	135·80	143·05	137·60	132·35	132·45	129·55	130·60	132·45	136·85	134·10	132·35	131·45
16	136·10	142·95	137·45	132·20	132·20	129·45	130·80	132·35	136·85	133·95	132·30	131·60
17	136·45	142·80	137·30	132·35	132·05	129·35	130·85	132·35	136·95	133·80	132·20	131·55
18	136·90	142·80	137·05	132·05	131·85	129·35	130·95	132·35	136·70	133·60	132·35	131·45
19	137·20	142·80	136·80	131·95	131·70	129·35	130·80	132·30	136·35	133·60	132·55	131·30
20	137·60	142·80	136·55	131·95	131·55	129·35	130·60	132·20	135·60	132·95	132·45	131·20
21	138·05	142·80	136·35	131·85	131·35	129·30	130·70	132·30	135·55	133·30	132·45	131·05
22	138·40	142·60	136·20	131·85	131·20	129·30	130·80	132·30	135·45	133·30	132·35	131·10
23	138·60	142·60	135·95	131·80	130·95	129·45	130·85	132·30	135·35	133·20	132·20	131·20
24	138·80	142·20	135·60	131·80	130·80	129·45	130·95	132·30	135·30	133·20	132·20	131·30
25	138·95	142·05	135·55	131·70	130·70	129·45	131·10	132·20	135·10	133·10	132·20	131·30
26	139·10	142·05	135·35	131·70	130·60	129·45	131·70	132·35	134·85	133·05	132·20	131·30
27	139·30	141·95	135·10	131·70	130·45	129·45	132·60	132·35	134·70	133·05	132·10	131·30
28	139·35	141·70	134·95	131·80	130·45	129·55	132·95	132·45	134·60	132·95	131·95	131·30
29	139·45	141·30	134·80	131·85	130·45	129·60	133·10	132·55	134·60	132·80	.....	131·20
30	139·90	140·95	134·60	131·85	130·35	129·80	133·35	132·60	134·45	132·70	.....	131·20
31	.....	140·60	.....	131·95	130·30	.....	133·35	.....	134·55	132·60	.....	131·20

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Elevations above M.S.L. of Ottawa River at Rideau Locks for 1885–86.

TABLE No. 229.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·05	142·85	142·85	138·05	134·55	131·45	130·45	.....	131·80	131·70	133·20	132·45
2	131·10	142·45	142·85	137·85	134·45	131·30	130·35	.....	131·80	131·70	133·05	132·45
3	131·20	142·10	142·70	137·85	134·35	131·30	130·30	.....	131·80	131·85	132·80	132·35
4	131·30	141·85	142·55	137·70	134·35	131·10	130·20	.....	131·80	131·95	132·60	132·20
5	131·30	141·35	142·45	137·60	134·10	131·05	130·10	.....	131·80	132·30	132·55	132·05
6	131·30	141·10	142·20	137·55	133·85	130·95	130·05	.....	131·80	134·85	132·45	131·85
7	131·30	140·85	141·95	137·55	133·80	130·85	129·95	.....	131·85	135·35	132·45	131·85
8	131·35	141·10	141·60	137·60	133·60	130·80	129·95	.....	131·95	135·30	132·35	131·85
9	131·45	141·55	141·10	137·60	133·55	130·80	129·80	.....	132·10	135·20	132·35	131·85
10	131·60	141·80	140·80	137·55	133·45	130·80	129·70	.....	132·35	135·10	132·30	131·85
11	131·80	142·35	140·35	137·35	133·35	130·80	129·70	.....	132·35	135·05	132·30	131·80
12	131·85	142·60	140·20	137·20	133·30	130·70	129·70	.....	132·35	135·05	132·20	131·70
13	132·05	143·10	139·95	137·05	133·10	130·70	129·70	.....	132·35	134·95	132·20	131·60
14	132·30	143·20	139·60	136·95	133·05	130·70	129·70	.....	132·35	134·95	132·35	131·55
15	132·60	143·35	139·35	137·20	132·95	130·60	129·80	.....	132·20	134·85	132·55	131·45
16	132·85	143·35	139·20	137·20	132·80	130·55	129·85	.....	132·10	134·80	132·70	131·45
17	133·30	143·35	138·80	137·10	132·60	130·55	129·85	.....	132·10	134·70	132·85	131·45
18	134·10	143·45	138·80	137·10	132·55	130·45	129·85	.....	132·05	134·60	132·80	131·35
19	135·30	143·55	138·85	136·70	132·55	130·45	129·95	.....	132·05	134·55	132·60	131·30
20	137·55	143·60	138·95	136·55	132·45	130·45	129·95	.....	132·05	134·45	132·55	131·20
21	138·30	143·70	138·85	136·45	132·30	130·45	130·05	.....	132·05	134·35	132·60	131·35
22	138·85	143·80	138·85	136·45	132·20	130·45	130·20	.....	132·05	134·20	132·80	131·45
23	140·20	143·85	138·85	136·30	131·95	130·45	130·35	.....	132·05	134·20	132·80	131·45
24	141·20	143·80	138·85	135·95	131·95	130·35	130·35	.....	132·05	134·05	132·70	131·45
25	141·70	143·60	138·60	135·85	131·85	130·35	130·35	.....	131·95	133·85	132·70	131·45
26	142·05	143·60	138·60	135·70	131·80	130·35	130·35	.....	131·95	133·80	132·70	131·45
27	142·55	143·45	138·60	135·45	131·70	130·45	130·35	.....	131·85	133·70	132·55	131·35
28	142·70	143·30	138·55	135·20	131·60	130·45	130·35	.....	131·80	133·60	132·55	131·35
29	143·30	143·10	138·45	135·10	131·55	130·45	130·35	.....	131·80	133·55	.....	131·35
30	143·35	142·95	138·30	134·95	131·45	130·45	130·35	.....	131·80	133·45	.....	131·45
31	.....	142·85	.....	134·80	131·45	.....	130·35	.....	131·70	133·35	.....	131·55

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1886–87.

TABLE No. 230.

1	132·45	146·55	138·35	136·05	133·10	130·70	130·60	131·95	131·30	130·95	130·85	131·10
2	133·70	146·20	138·20	135·95	133·05	130·60	130·70	131·85	131·35	130·95	130·85	131·10
3	135·80	146·05	138·10	135·80	132·85	130·60	130·80	131·80	131·55	130·85	130·85	131·05
4	136·10	145·85	137·85	135·70	132·80	130·60	130·95	131·70	131·70	130·85	130·85	130·95
5	136·45	145·35	137·60	135·60	132·60	130·70	130·95	131·55	131·85	130·80	130·85	130·95
6	136·45	144·95	137·55	135·55	132·35	130·80	131·05	131·45	132·05	130·80	130·85	131·05
7	136·45	144·60	137·45	134·95	132·20	130·80	131·10	131·45	132·05	130·70	130·95	131·10
8	136·45	144·35	137·45	134·85	132·05	130·80	131·10	131·45	131·85	130·70	131·20	131·20
9	136·45	143·95	137·45	134·60	132·05	130·70	131·10	131·35	131·80	130·60	131·20	131·10
10	136·45	143·70	137·35	134·45	131·95	130·60	131·05	131·30	131·55	130·60	131·20	131·10
11	136·85	143·20	137·35	134·20	131·85	130·55	131·05	131·30	131·55	130·60	131·30	131·05
12	137·55	142·95	137·35	134·05	131·85	130·45	131·10	131·20	131·55	130·60	131·30	131·05
13	138·10	142·70	137·10	133·85	131·80	130·35	131·20	131·20	131·55	130·60	131·30	130·95
14	138·05	142·50	137·20	133·80	131·80	130·35	131·20	131·10	131·55	130·60	131·20	130·85
15	137·95	141·85	137·20	133·85	131·60	130·20	131·05	130·95	131·45	130·60	131·20	130·80
16	140·30	141·35	137·20	134·10	131·35	130·20	131·05	130·80	131·45	130·55	131·20	130·85
17	140·30	141·05	137·10	134·05	131·35	130·20	131·05	130·80	131·35	130·55	131·20	130·85
18	140·60	140·95	136·95	133·85	131·45	130·10	131·10	130·95	131·35	130·55	131·20	130·85
19	141·10	140·95	136·80	133·70	131·45	130·05	131·20	130·85	131·35	130·55	131·20	130·85
20	141·85	140·80	136·60	133·60	131·30	130·20	131·35	130·85	131·30	130·55	131·20	130·85
21	142·85	140·60	136·45	133·80	131·10	130·20	131·55	130·85	131·20	130·55	131·20	130·85
22	144·05	140·35	136·35	133·80	131·05	130·20	131·60	130·85	131·05	130·55	131·20	130·85
23	144·80	140·30	136·30	133·80	130·95	130·20	131·70	131·10	131·05	130·60	131·20	130·85
24	145·30	140·20	136·30	133·70	130·85	130·20	131·80	131·55	131·05	130·85	131·20	130·95
25	145·35	139·95	136·10	133·60	130·70	130·20	131·85	131·45	131·10	130·80	131·10	130·85
26	145·70	139·80	136·10	133·55	130·60	130·20	131·95	131·45	131·10	130·70	131·10	130·80
27	145·85	139·55	136·10	133·45	130·55	130·30	132·05	131·45	131·20	130·70	131·10	130·80
28	145·85	139·20	136·10	133·30	130·45	130·35	132·10	131·45	131·20	130·80	131·10	130·80
29	146·05	138·95	136·10	133·10	130·55	130·45	132·10	131·45	131·10	130·85	.....	130·80
20	146·35	138·80	136·10	133·05	130·60	130·60	132·05	131·20	131·10	130·85	.....	130·80
31	.....	138·55	.....	133·20	130·70	.....	131·95	.....	131·05	130·85	.....	130·70

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1887–88.

TABLE No. 231.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130·70	141·45	140·55	134·05	131·10	128·80	127·30	127·45	128·05	129·10	128·60	128·60
2	130·70	141·55	140·10	133·95	131·05	128·70	127·30	127·45	128·05	129·10	128·65	128·65
3	130·60	142·10	140·05	133·85	130·85	128·70	127·30	127·45	128·10	129·10	128·70	128·70
4	130·60	142·70	140·05	133·80	130·80	128·70	127·30	127·55	128·10	129·10	128·70	128·70
5	130·70	143·20	139·70	132·70	130·60	128·70	127·30	127·55	128·10	129·05	128·75	128·70
6	130·85	143·95	139·35	132·62	130·60	128·55	127·20	127·60	128·30	128·95	128·80	128·65
7	130·85	144·95	139·05	132·95	130·55	128·55	127·20	127·60	128·35	128·85	128·80	128·60
8	130·85	145·45	138·95	132·85	130·45	128·55	127·25	127·60	128·60	128·80	128·80	128·60
9	130·85	146·10	138·95	132·85	130·45	128·35	127·25	127·60	128·60	128·80	128·80	128·55
10	131·10	146·60	138·80	132·85	130·55	128·20	127·30	127·60	128·70	128·70	128·75	128·55
11	131·55	146·60	138·35	132·85	130·55	128 05	127·30	127·60	128·80	128·70	128·70	128·55
12	133·10	146·60	138·20	132·85	130·45	127·95	127·30	127·55	128·85	128·70	128·65	128·55
13	135·20	146·60	138·05	132·85	130·35	127·85	127 30	127 55	128·95	128·80	128·60	128·60
14	136·70	146·60	137·80	132·85	130·20	127·85	127·20	127·55	129·05	128·80	128·55	128·70
15	137·35	146·45	137·35	133·05	129·95	127·85	127·20	127·55	129·10	128·80	128·60	128·70
16	137·70	146·20	137·05	133·05	129·95	127·80	127·30	127·45	129·20	128·80	128·60	128·60
17	137·70	146·20	136·55	132·85	129·85	127·60	127·35	127·45	129·20	128·80	128·70	128·55
18	138·35	145·80	136·70	132·80	129·80	127·60	127·30	127·45	129·20	128·80	128·70	128·50
19	138·85	145·05	136·70	132·70	129·60	127·60	127·30	127·45	129·20	128·80	128·70	128·45
20	139·60	144·85	136·05	132·55	129·55	127·60	127·30	127·45	129·10	128·80	128·70	128·55
21	140·10	144·20	136·05	132·35	129·45	127·55	127·30	127·45	129·05	128·80	128 70	128·60
22	140·85	143·20	135·70	132·45	129·35	127·55	127·30	127·45	129·05	128·80	128·70	128·65
23	141·35	142·60	135·55	132·60	129·35	127·55	127·20	127·55	129·05	128·70	128·60	128·70
24	141·35	142·30	135·30	132·35	129·30	127·55	127·05	127·70	129·05	128·70	128·55	128·70
25	141·45	142·05	135·05	132·20	129·20	127·35	127·30	127·95	129·05	128·70	128·55	128·75
26	141·30	141·80	134·80	131·95	129·10	127·30	127·35	127·95	129·05	128·70	128·55	128·80
27	140·55	141·10	134·60	131·80	129·05	127·30	127·45	127·95	129·05	128·70	128·55	128·95
28	140·95	140·95	134·45	131·60	128 95	127 30	127·45	127·95	129·05	128·70	128·55	129·10
29	141·30	140·85	134·30	131·45	128·95	127·30	127·45	127·95	129·05	128·70	128·57	129·20
30	141·30	140·80	134·10	131·35	128·95	127·30	127·45	128·05	129·05	128·70	.....	129·30
31	.....	140·60	.....	131·20	128·95	.....	127·45	.....	129·05	128·70	.....	129·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1888–89.

TABLE No. 232.

1	129·70	134·95	143·45	139·80	132·80	130·35	129·80	129·20	132·10	131·60	131·35	130·70
2	130·20	135·70	143·20	139·55	132·60	130·35	129·80	129·30	132·05	131·45	131·35	130·70
3	130·30	136·55	142·85	138·95	132·30	130·30	129·70	129·60	131·95	131·45	131·30	130·60
4	130·35	137·05	143·45	138·60	132·30	130·20	129·55	129·70	131·95	131·35	131·20	130·55
5	130·70	137·35	143·37	138·30	132·10	130·20	129·55	129·85	131·95	131·35	131·20	130·55
6	130·95	137·45	143·30	137·70	131·95	130·10	129·55	130·20	131·95	131·30	131·10	130·45
7	131·30	137·55	143·20	137·30	131·80	129·85	129·35	130·45	131·85	131·20	131·10	130·45
8	131·35	137·60	142·85	137·10	131·60	129·85	129·30	130·80	131·85	131·20	131·20	130·45
9	131·60	137·85	142·05	136·85	131·20	129·70	129·30	131·10	131·85	131·10	131·35	130·45
10	131·80	138·35	141·95	136·55	131·20	129·60	129·30	132·35	131·80	131·30	131·35	130·55
11	131·95	138·60	141·85	136·35	131·10	129·35	129·20	132·95	131·70	131·85	131·45	130·55
12	132·60	139·80	141·60	135·80	131·10	129·55	129·20	133·55	131·60	132·10	131·45	130·55
13	133·20	140·35	141·35	135·70	131·10	129·55	129·30	133·35	131·55	132·05	131·45	130·45
14	133·35	141·45	141·35	135·35	130·85	129·35	129·10	133·30	131·45	131·95	131·35	130·45
15	133·35	142·55	141·55	135·20	130·70	129·35	128·95	133·30	131·35	131·80	131·30	130·45
16	133·35	143·60	141·70	135·05	130·70	129·45	129·05	132·85	131·35	131·70	131·10	130·45
17	133·10	144·55	141·70	134·85	130·80	129·55	129·20	132·85	131·55	131·80	131·10	130·35
18	133·30	145·30	142·35	134·70	130·80	129·55	129·20	132·80	131·55	131·85	131·20	130·35
19	133·30	146·10	142·45	134·55	130·60	129·55	129·05	132·70	131·95	131·95	131·20	130·45
20	132·95	146·30	142·30	134·45	130·35	129·55	129·05	132·55	131·80	132·10	131·20	130·55
21	132·55	146·55	142·35	134·35	130·30	129·70	129·05	132·35	131·70	132·20	131·10	130·70
22	132·45	146·20	142·20	134·10	131·10	129·80	129·05	132·35	131·55	132·10	131·10	130·95
23	132·35	146·05	141·80	133·85	130·30	129·85	129·05	132·35	131·45	131·85	131·05	131·30
24	132·35	145·85	141·70	133·80	130·05	129·95	129·10	132·35	131·35	131·70	130·95	132·35
25	132·10	145·55	141·60	133·70	129·95	129·95	129·05	132·30	131·45	131·60	130·95	132·35
26	131·85	144·85	141·10	133·45	130·05	129·95	129·05	132·30	131·60	131·60	130·85	132·45
27	132·10	144·70	140·85	133·45	130·10	129·95	129·05	132·10	131·85	131·55	130·80	132·55
28	132·35	144·60	140·70	133·30	130·05	129·70	129·05	132·20	132·05	131·55	130·80	132·35
29	132·70	144·20	140·30	133·20	130·05	129·70	129·05	132·20	132·30	131·45	.....	132·30
30	134·30	144·05	140·04	133·10	130·10	129·70	129·05	132·10	132·10	131·35	.....	132·20
31	.....	143·60	.....	133·05	130·35	.....	129·10	.....	131·85	131·35	.....	132·05

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Elevations above M.S.L. of Ottawa River at Rideau Locks for 1889–90.

TABLE No. 233.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·95	139·55	137·10	139·35	134·60	131·85	129·45	129·30	130·20	134·10	133·35	133·55
2	131·85	140·10	137·85	139·20	134·55	131·70	129·45	129·20	130·05	134·35	133·35	133·55
3	131·80	140·45	138·70	139·10	134·45	131·60	129·35	129·10	129·85	134·35	133·35	133·55
4	131·80	140·45	139·70	139·10	134·35	131·45	129·45	129·05	129·95	134·60	133·35	133·70
5	131·85	140·60	140·80	138·85	134·30	131·35	129·55	129·05	130·10	134·60	133·20	133·85
6	131·95	140·85	141·85	138·70	134·10	131·30	129·60	128·85	130·30	134·70	133·20	133·85
7	132·05	140·70	142·45	138·45	134·05	131·20	129·70	128·85	130·45	134·60	133·20	133·85
8	132·10	140·35	142·70	138·10	133·85	131·20	129·70	128·85	130·55	134·45	133·20	133·70
9	132·35	140·20	142·55	137·80	133·70	131·10	129·70	128·95	130·55	134·35	132·85	133·70
10	132·70	139·85	142·55	137·70	133·45	131·05	129·70	128·95	130·55	133·85	132·85	133·60
11	132·95	139·70	142·45	137·55	133·30	130·95	129·80	129·05	130·55	133·60	132·85	133·80
12	133·10	139·60	142·20	137·45	133·20	130·80	129·85	129·05	131·05	133·80	132·85	133·35
13	133·30	139·55	142·05	137·35	133·10	130·70	129·95	129·10	131·55	134·10	132·85	133·35
14	133·30	139·45	141·70	137·30	132·95	130·70	129·95	129·10	131·85	134·20	132·85	133·35
15	133·30	139·20	141·55	137·20	132·95	130·60	129·95	129·10	132·10	134·45	132·80	133·60
16	133·10	138·95	141·20	137·10	132·85	130·55	129·95	129·10	132·45	134·45	132·80	133·70
17	132·95	138·70	140·85	136·85	132·70	130·45	129·95	129·20	132·20	134·45	132·70	133·80
18	133·10	138·60	140·70	136·70	132·70	130·30	129·85	129·30	132·05	134·45	123·70	133·80
19	133·30	138·35	140·55	136·60	132·70	130·20	129·80	129·35	132·05	134·35	132·70	133·70
20	133·45	138·20	140·35	136·45	132·70	130·10	129·70	129·55	132·10	134·35	132·55	133·70
21	133·95	137·85	140·20	136·35	132·70	130·10	129·70	129·85	132·10	134·35	132·55	133·85
22	134·55	137·70	140·05	136·20	132·70	130·05	129·55	130·30	132·10	134·35	132·45	133·80
23	135·05	137·45	139·85	135·85	132·60	130·05	129·45	130·35	132·10	134·20	132·70	133·80
24	135·55	137·20	139·70	135·60	132·60	129·85	129·45	129·45	132·20	134·10	132·85	133·80
25	136·10	137·10	139·70	135·70	132·45	129·85	129·35	130·55	132·35	134·05	132·85	133·80
26	136·60	137·10	139·70	135·35	132·35	129·80	129·35	130·60	132·60	133·85	132·85	133·85
27	137·20	137·05	139·85	135·30	132·30	129·70	129·45	130·60	132·85	133·70	132·85	133·85
28	137·60	136·85	139·70	135·10	132·30	129·70	129·45	130·55	133·35	133·60	132·85	133·85
29	138·35	136·70	139·55	135·05	132·20	129·60	129·35	130·55	133·35	133·55	.....	134·05
30	139·05	136·70	139·35	134·85	132·10	129·55	129·45	130·30	133·60	133·45	.....	133·85
31	..	136·85	.....	134·80	131·95	.....	129·45	.....	133·85	133·35	.....	133·80

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1890–91.

TABLE No. 234.

1	133·80	140·10	145·05	.....	134·30	133·10	131·70	130·85	130·20	130·20	129·60	129·85
2	133·80	140·35	144·95	.....	134·10	133·20	131·70	130·85	130·20	130·20	129·60	129·85
3	133·85	141·05	144·85	.....	134·05	133·30	131·70	130·85	130·10	130·20	129·60	129·85
4	133·35	141·55	144·80	.....	133·95	133·35	131·70	130·80	130·10	130·05	129·60	129·85
5	133·35	141·85	144·60	.....	133·95	133·45	131·60	130·70	130·10	130·05	129·60	129·85
6	134·70	141·85	144·35	.....	133·95	133·45	131·55	130·70	130·10	129·85	129·60	129·85
7	135·70	142·20	144·20	.....	133·85	133·45	131·45	130·60	130·10	129·85	129·60	130·35
8	135·85	142·20	143·70	.....	133·85	133·45	131·45	130·70	130·10	129·85	129·60	130·70
9	136·85	142·35	143·70	.....	133·70	133·35	131·45	130·70	130·10	129·80	129·60	130·85
10	137·45	142·55	143·70	.....	133·55	133·30	131·45	130·70	130·10	129·80	129·60	130·85
11	137·80	142·60	143·55	.....	133·45	133·30	131·35	130·80	130·10	129·80	129·60	131·20
12	137·95	142·80	143·55	.....	133·35	133·35	131·30	130·80	130·10	129·70	129·60	131·70
13	138·10	142·80	143·85	.....	133·35	133·45	131·20	130·80	130·10	129·70	129·60	131·85
14	138·30	142·70	143·80	.....	133·45	133·35	131·20	130·80	130·10	129·70	129·60	132·35
15	138·30	142·60	143·85	.....	133·35	133·30	131·20	130·80	130·35	129·60	129·60	132·55
16	138·45	142·35	143·95	.....	133·30	133·30	131·20	130·80	130·35	129·60	129·60	132·70
17	138·80	142·20	144·10	.....	133·30	133·30	131·10	130·70	130·35	129·60	129·60	132·85
18	138·95	142·05	144·20	.....	133·20	132·95	131·30	130·70	130·35	129·60	129·60	132·85
19	139·05	142·20	144·05	.....	133·10	132·70	131·30	130·70	130·35	129·60	129·60	132·85
20	139·05	142·35	143·85	.....	133·20	132·35	131·30	130·80	130·35	129·60	129·60	132·60
21	139·10	142·35	143·55	.....	133·30	132·35	131·35	130·80	130·35	129·60	129·70	132·60
22	139·10	142·60	143·20	.....	133·35	132·35	131·35	130·70	130·35	129·60	129·70	132·70
23	139·05	142·60	143·05	.....	133·45	132·10	131·35	130·60	130·35	129·60	129·70	132·87
24	139·05	142·60	142·55	.....	133·35	132·10	131·35	130·70	130·35	129·70	129·70	132·87
25	139·05	142·70	142·30	.....	133·35	131·95	131·35	130·55	130·35	129·70	129·80	135·87
26	139·35	142·70	141·80	.....	133·35	131·85	131·35	130·55	130·35	129·70	129·80	135·87
27	139·45	143·20	141·70	.....	133·30	131·80	131·20	130·45	130·35	129·70	129·80	136·35
28	139·55	143·45	141·30	.....	133·20	131·80	131·05	130·20	130·35	129·70	129·85	136·70
29	139·85	143·80	140·85	.....	133·10	131·80	131·05	130·20	130·35	129·70	.....	137·05
30	140·05	144·20	140·70	.....	133·10	131·70	131·05	130·20	130·20	129·70	.....	137·70
31	.....	144·70	.....	.....	133·10	.....	131·05	.....	130·10	129·60	.....	138·10

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1891–92.

TABLE No. 235.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	138·35	143·80	139·05	133·45	134·05	132·20	130·55	129·85	135·60	134·85	132·70	131·60
2	138·20	143·85	138·80	133·30	134·10	132·20	130·35	129·80	135·45	134·70	132·35	131·60
3	137·85	143·85	138·35	133·05	134·20	132·35	130·35	129·80	135·20	134·70	132·20	131·55
4	137·70	143·95	138·10	132·85	134·30	132·35	130·35	129·80	134·85	134·60	131·95	131·55
5	137·35	144·05	138·05	132·80	134·30	132·35	130·30	129·70	134·85	134·60	131·80	131·35
6	137·10	144·10	137·70	132·70	134·30	132·35	129·20	129·60	134·85	134·60	131·60	131·20
7	136·35	144·10	137·35	132·55	134·10	132·35	129·20	129·60	134·60	134·55	131·80	131·20
8	135·70	144·20	137·20	132·35	133·85	132·30	128·35	129·55	134·60	134·35	131·80	130·85
9	135·35	144·20	136·85	132·35	133·70	132·20	128·35	129·45	134·45	134·20	131·85	130·85
10	135·35	143·95	136·70	132·35	133·55	132·20	128·70	129·35	134·45	134·20	131·85	130·80
11	135·30	143·80	136·55	132·35	133·55	132·10	128·95	129·35	134·45	134·10	131·95	130·80
12	135·60	143·60	136·20	132·35	133·20	132·10	128·60	129·30	134·45	134·05	132·05	130·80
13	135·85	143·30	136·05	132·35	133·10	131·85	130·35	129·30	134·35	134·05	132·10	130·80
14	136·35	143·10	136·05	132·30	132·85	131·85	130·55	129·30	134·30	134·05	132·20	130·70
15	136·85	142·85	135·85	132·35	132·85	131·80	130·35	129·30	134·20	134·05	132·20	130·70
16	137·35	142·80	135·70	132·30	132·70	131·70	130·35	129·30	134·35	133·85	132·20	130·60
17	137·85	142·55	135·30	132·30	132·45	131·80	130·70	129·45	134·35	133·85	132·10	130·45
18	137·85	142·35	135·20	132·30	132·35	131·60	130·70	129·70	134·60	133·80	132·05	130·45
19	138·35	142·30	135·05	132·70	132·30	131·55	130·70	129·85	136·20	133·80	132·05	130·35
20	139·35	142·05	134·85	132·85	132·10	131·70	130·55	130·05	136·20	133·60	132·05	130·35
21	139·95	141·95	134·80	133·20	132·05	131·70	130·55	130·35	135·35	133·55	131·85	130·35
22	140·55	141·80	134·60	133·35	132·05	131·55	130·45	130·85	134·35	133·35	131·70	130·30
23	141·30	141·30	134·60	133·55	132·10	131·35	130·45	131·55	134·35	133·20	131·70	130·30
24	141·95	141·05	134·45	133·70	132·35	132·35	130·35	132·05	134·35	133·20	131·70	130·20
25	142·55	140·85	134·30	133·85	132·35	131·35	130·35	132·85	134·35	133·10	131·60	130·20
26	143·10	140·70	134·10	134·05	132·55	131·20	130·35	133·35	134·70	133·10	131·60	130·10
27	143·95	140·35	134·05	134·20	132·55	131·05	130·35	133·85	134·85	133·05	131·35	130·10
28	143·85	140·05	133·80	134·20	132·55	130·85	130·20	134·80	135·20	133·05	131·35	130·10
29	143·85	139·70	133·80	134·20	132·30	130·60	130·20	135·20	135·05	132·95	131·35	130·20
30	143·85	139·55	133·60	134·20	132·30	130·55	130·20	135·35	135·05	132·95	.....	130·20
31	.....	139·30	.....	134·20	132·30	.....	129·95	.....	135·05	132·85	.....	130·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1892–93.

TABLE No. 236.

1	130·45	134·80	135·95	137·20	131·95	131·20	130·85	130·35	134·05	131·55	130·35	129·55
2	131·30	135·10	135·85	137·10	131·85	130·85	130·85	130·35	133·85	131·55	130·35	129·45
3	132·85	135·35	135·85	136·95	131·85	130·70	130·95	130 25	133 80	131 55	130·20	129·45
4	134·80	135·35	135·95	136·85	131·70	130·60	130·95	130·35	133·85	131·55	130·20	129·45
5	136·45	135·55	136·10	136·45	131·70	130·55	130·85	130·35	133·85	131·55	129·85	129·45
6	137·35	135·55	136·30	136·10	131·70	130·45	130·85	130·35	133·85	131·55	129·85	129·45
7	137·60	135·55	136·35	135·80	131·70	130·35	130·80	130·45	133·80	131·55	129·85	129·35
8	137·30	135·70	136·35	135·60	131·60	130·20	130·80	130·45	133·80	131·45	129·85	129·35
9	136·85	135·85	136·35	135·45	131·55	130·20	130·80	130·45	133·80	131·45	129·85	129·30
10	136·85	135·95	136·35	135·30	131·55	130·10	130·80	130·45	133·55	131·35	129·85	129·10
11	136·85	136·10	136·35	135·05	131·45	130·10	130·80	130·45	133·10	131·35	129·85	129·10
12	136·60	136·30	136·20	134·70	131·85	130·05	130·80	130·45	132·85	131·35	129·85	129·20
13	136·30	136·30	136·05	134·45	131·85	129·85	130·80	130·45	132·70	131·35	129·85	129·35
14	136·05	136·30	135·95	134·30	131·85	129·70	130·80	130·45	132·55	131·30	129·85	129·35
15	135·80	136·20	135·85	134·05	131·85	129·70	130·80	130·45	132·45	131·10	129·85	129·55
16	135·35	136·10	135·70	133·80	132·05	129·55	130·80	130·70	132·35	130·95	129·85	129·55
17	135·10	136·10	135·80	133·60	132·20	129·55	130·85	131·35	132·30	130·85	129·85	129·60
18	134·70	136·10	135·80	133·35	132·30	129·55	130·85	131·95	132·20	130·70	129·85	129·60
19	134·35	136·35	135·80	133·20	132·35	129·45	130·85	132·70	132·20	130·60	129·70	129·60
20	134·10	136·55	136·20	132·85	132·35	129·85	133·85	133·30	132·20	130·55	129·70	129·55
21	133·80	136·55	137·85	132·80	132·30	130·30	130·80	133·70	132·10	130·55	129·70	129·55
22	133·60	136·55	137·05	132·70	132·10	130·55	130·70	134·20	132·05	130·45	129·70	129·60
23	133·35	136·55	137·20	132·70	132·10	130·70	130·60	134·20	131·95	130·35	129·60	129·60
24	133·55	136·45	137·30	132·70	131·95	130·80	130·60	134·20	131·85	130·35	129·60	129·70
25	133·70	136·35	137·35	132·70	131·85	130·80	130·55	134·20	131·85	130·35	129·60	129·70
26	133·85	136·35	137·45	132·55	132·10	130·80	130·55	134·20	131·80	130·20	129·60	129·85
27	134·10	136·35	137·45	132·45	132·20	130·80	130·35	134·10	131·70	130·20	129·60	130·35
28	134·35	136·20	137·45	132·35	131·85	130·85	130·35	134·10	131·70	130·20	129·55	130·80
29	134·45	136·20	137·35	132·35	131·60	130·85	130·35	134·10	131·60	130·35	.....	131·20
30	134·60	136·20	137·35	132·30	131·60	130·85	130·35	134·10	131·60	130·45	.....	131·60
31	.....	136·20	.....	132·10	131·35	.....	130·35	.....	131·60	130·55	.....	131·85

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1893–94.

TABLE No. 237.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	132·05	136·60	145·20	138·35	133·45	132·45	130·20	131·60	130·85	130·85	130·60	130·35
2	132·20	136·85	144·85	138·30	133·45	132·30	130·20	131·60	130·85	130·80	130·60	130·35
3	132·55	137·35	144·60	138·10	133·35	131·70	130·20	131·60	130·80	130·80	130·55	130·35
4	132·70	138·10	144·35	137·95	133·20	131·35	130·30	131·60	130·80	130·80	130·55	130·35
5	132·85	139·85	144·20	137·70	133·10	131·30	130·30	131·60	130·80	130·80	130·45	130·35
6	133·20	140·85	143·95	137·35	133·20	130·95	130·30	131·60	130·80	130·80	130·45	130·35
7	133·35	141·55	143·85	137·35	133·30	130·80	130·35	131·60	130·80	130·70	130·45	130·35
8	133·55	142·20	143·85	137·20	133·10	130·80	130·35	131·60	130·80	130·70	130·45	132·35
9	133·85	142·45	143·85	137·05	132·95	130·80	130·35	131·60	130·85	130·70	130·45	133·45
10	134·55	142·70	143·95	136·95	132·85	130·60	130·45	131·55	131·10	130·70	130·45	134·05
11	134·85	142·85	143·85	136·80	132·70	130·55	130·45	131·55	131·10	130·70	130·45	134·60
12	135·20	143·05	143·60	136·60	132·35	130·55	130·55	131·55	131·05	130·70	130·45	135·20
13	135·05	143·10	143·30	136·45	132·30	130·45	130·45	131·55	130·95	130·70	130·45	136·10
14	135·30	143·35	142·85	136·35	132·20	130·35	130·35	131·35	130·85	130·70	130·45	136·45
15	135·30	143·70	142·45	136·30	132·05	130·20	130·35	131·30	130·85	130·70	130·45	136·45
16	135·30	143·85	142·10	136·10	131·85	130·10	130·35	131·10	130·80	130·70	130·45	136·45
17	135·30	144·95	141·85	135·95	131·80	130·05	130·45	131·10	130·80	130·70	130·45	135·85
18	135·30	146·20	141·55	135·80	131·70	130·05	130·55	130·95	130·70	130·70	130·45	136·10
19	135·55	147·20	141·20	135·60	131·55	130·05	130·55	130·85	130·70	130·70	130·55	136·35
20	135·70	147·70	140·85	135·45	131·45	129·95	130·85	130·85	130·70	130·60	130·55	136·70
21	136·20	148·05	140·55	135·30	131·35	129·85	130·80	130·80	130·70	130·60	130·55	138·10
22	136·70	148·20	140·30	135·10	131·30	129·85	130·80	130·80	130·80	130·60	130·55	138·10
23	137·05	148·35	140·30	134·95	131·30	129·85	130·85	130·70	130·80	130·60	130·55	137·95
26	137·35	148·35	139·85	134·80	131·30	129·85	130·85	130·70	130·80	130·60	130·55	137·70
25	137·20	147·95	139·70	134·60	131·20	129·85	131·35	130·60	130·80	130·60	130·45	137·35
26	137·05	147·35	139·45	134·45	131·10	129·85	131·35	130·60	130·80	130·60	130·45	137·85
27	136·70	146·55	139·30	134·35	130·95	129·85	131·45	130·70	130·85	130·60	130·45	136·85
28	136·70	146·20	139·05	134·20	130·85	129·85	131·55	130·70	130·85	130·60	130·45	136·85
29	136·70	145·85	138·85	134·10	130·85	130·05	131·60	130·80	130·85	130·60	.....	136·70
30	136·60	145·70	138·70	133·95	132·85	130·20	131·60	130·80	130·85	130·60	.....	135·85
31	.....	145·55	.....	133·85	132·85	.....	131·60	.....	130·85	130·60	.....	135·55

Elevations above M S.L. of Ottawa River at Rideau Locks for 1894–95.

TABLE No. 238.

1	135·30	144·35	140·05	136·95	132·10	129·80	128·85	132·35	132·35	133·10	131·05	129·85
2	135·10	144·35	139·85	136·60	131·85	129·60	128·85	132·70	132·55	133·10	130·95	129·85
3	134·95	144·35	140·05	136·45	131·85	129·45	128·85	132·70	132·70	133·05	130·95	129·80
4	134·70	144·35	140·35	136·20	131·85	129·35	129·30	132·85	132·85	132·95	130·95	129·70
5	134·80	144·35	140·20	136·10	131·80	129·30	129·95	133·05	133·20	132·85	130·85	129·70
6	134·80	144·35	140·10	136·30	131·60	129·20	130·20	133·20	133·20	132·85	130·85	129·70
7	134·70	144·35	140·05	136·55	131·55	129·10	130·35	133·35	133·10	132·85	130·85	129·70
8	134·70	144·20	139·80	136·85	131·35	129·05	130·35	133·60	132·85	132·80	130·85	129·70
9	134·70	144·10	139·55	136·70	131·35	129·05	130·35	133·85	132·80	132·80	130·70	129·70
10	134·70	144·10	139·35	136·55	131·30	129·05	130·35	134·05	132·80	132·70	130·70	129·70
11	134·70	144·05	139·20	136·45	131·20	128·95	130·35	134·10	132·85	132·70	130·55	129·70
12	134·70	143·85	139·05	136·35	131·10	128·85	130·35	133·80	132·85	132·55	130·55	129·80
13	134·70	143·60	138·70	136·20	131·05	128·85	130·45	133·70	132·95	132·35	130·55	129·80
14	134·85	143·30	138·35	136·10	130·95	128·85	130·55	133·55	133·05	132·30	130·55	129·80
15	134·95	142·80	138·10	135·95	130·80	128·85	130·70	133·45	133·05	132·20	130·55	129·80
16	135·35	142·30	137·80	135·80	130·70	128·85	130·85	133·35	133·10	132·10	130·45	129·80
17	135·60	141·80	137·60	135·45	130·60	129·05	131·20	133·30	133·10	132·05	130·45	129·80
18	136·35	141·35	137·35	135·20	130·55	128·95	131·55	133·30	133·10	131·95	130·45	129·80
19	137·10	141·20	137·45	135·10	130·55	128·95	131·85	133·30	133·10	131·80	130·35	129·80
20	137·85	141·20	138·20	134·85	130·45	138·95	132·20	133·20	133·10	131·60	130·35	129·80
21	138·05	141·20	138·45	134·70	130·45	129·20	132·35	133·05	133·20	131·45	130·30	129·85
22	138·20	141·05	138·35	134·55	130·45	129·45	132·55	1..2·85	133·20	131·35	130·30	129·85
23	139·05	140·70	138·20	134·35	130·45	129·35	132·70	132·85	133·20	131·55	130·20	129·85
24	139·85	140·55	137·95	134·20	130·45	129·30	132·70	132·85	133·20	131·70	130·20	129·95
25	140·85	140·55	137·70	133·70	130·45	129·20	132·70	132·80	133·20	131·60	130·05	130·05
26	141·70	140·35	137·60	133·35	130·35	129·20	132·70	132·80	133·10	131·55	129·85	130·05
27	142·55	140·35	137·55	133·20	130·30	129·20	132·70	132·60	133·10	131·35	129·85	130·05
28	143·55	140·35	137·70	132·80	130·20	129·10	132·60	132·55	133·10	131·30	129·85	130·05
29	143·85	140·35	137·35	132·60	130·10	129·05	132·55	132·45	133·10	131·20	.....	130·05
30	144·10	140·20	137·20	132·35	130·05	128·95	132·45	132·35	133·10	131·10	.....	130·05
31	.....	140·05	.....	132·30	129·95	.....	132·35	.....	133·10	131·10	.....	130·05

Elevations above M.S L. of Ottawa River at Rideau Locks for 1895–96.

TABLE No. 239.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130·05	140·80	138·95	135·55	130·95	131·35	129·35	128·70	130·55	136·35	133·20	131·35
2	130·10	140·70	139·10	135·20	130·85	131·30	129·35	128·70	130·85	137·35	133·05	131·55
3	130·10	140·60	139·10	134·95	130·80	131·10	129·30	128·60	131·10	137·55	132·85	131·55
4	130·10	140·55	139·20	134·60	130·85	130·85	129·30	128·55	131·30	137·10	132·85	131·45
5	130·10	140·80	139·35	134·35	130·85	130·80	129·20	128·45	131·45	136·85	132·85	131·35
6	130·10	141·10	139·35	134·20	130·85	130·70	129·20	128·45	131·55	136·55	132·85	131·35
7	131·10	141·30	139·35	134·05	130·85	130·60	129·30	128·45	131·55	136·35	132·80	131·35
8	132·85	141·70	139·30	133·85	130·95	130·55	129·35	128·55	131·45	136·35	132·80	131·35
9	134·35	142·10	139·30	133·60	130·95	130·45	129·35	128·70	131·35	136·20	132·80	131·55
10	136·20	142·55	139·30	133·35	130·95	130·35	129·45	128·85	131·30	136·05	132·80	131·70
11	136·35	142·95	139·30	133·20	130·95	130·30	129·60	129·10	131·20	135·85	132·80	131·85
12	136·35	142·95	139·20	133·05	131·10	130·30	129·60	129·30	131·05	135·60	132·70	131·85
13	136·30	142·80	139·05	132·95	131·20	130·35	129·60	129·45	130·80	135·35	132·60	131·85
14	136·35	142·70	138·85	132·85	131·10	130·35	129·60	129·55	130·55	135·20	132·60	131·85
15	136·95	142·55	138·80	132·80	131·10	130·35	129·55	129·60	130·45	135·05	132·55	131·85
16	137·05	142·30	138·70	132·70	131·10	130·35	129·45	129·70	130·20	134·85	132·55	131·85
17	137·05	142·05	138·55	132·60	131·20	130·35	129·30	129·80	130·10	134·70	132·45	131·85
18	137·30	141·80	138·35	132·35	131·20	130·30	129·20	129·85	130·05	134·55	132·35	131·85
19	137·45	141·30	138·35	132·30	131·20	130·30	129·10	130·05	130·05	134·35	132·35	131·85
20	137·95	140·70	138·30	132·05	131·20	130·20	129·10	130·20	130·05	134·20	132·35	131·85
21	138·35	140·20	138·05	131·95	131·20	130·10	129·10	130·20	130·10	134·10	132·35	131·85
22	138·85	140·04	137·55	131·85	131·20	129·95	129·10	130·20	130·45	134·05	132·35	131·85
23	139·10	139·80	137·30	131·80	131·20	129·85	129·10	130·20	130·55	134·05	132·30	131·85
24	139·35	139·60	136·95	131·70	131·35	129·80	128·95	130·20	130·85	133·85	132·20	131·85
25	139·60	139·55	136·80	131·55	131·55	129·60	128·95	130·30	131·30	133·85	132·05	131·85
26	140·10	139·30	136·55	131·45	131·70	129·55	128·95	130·35	132·30	133·85	131·85	132·05
27	140·55	139·10	136·45	131·35	131·80	129·45	128·95	130·35	133·55	133·70	131·70	132·05
28	140·60	138·95	136·30	131·30	131·60	129·35	128·85	130·30	134·55	133·70	131·55	131·85
29	140·80	138·85	136·12	131·20	131·55	129·35	128·80	130·30	135·30	133·55	131·35	131·85
30	140·80	138·85	135·80	131·10	131·55	129·55	128·70	130·30	135·55	133·55	.....	131·85
31	.....	138·80	.....	131·05	131·45	.....	128·70	.....	135·85	133·35	.....	131·85

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1896–97.

BABLE No. 240.

1	131·85	143·55	137·80	134·05	132·20	130·20	130·10	130·95	135·80	134·85	132·60	132·70
2	131·85	143·45	137·85	133·85	132·05	130·20	130·20	130·95	135·80	134·85	132·60	132·70
3	131·85	143·35	137·85	133·70	131·95	130·30	130·30	130·95	135·85	134·70	132·60	132·70
4	131·85	143·20	137·95	133·55	131·80	130·30	130·35	130·95	135·95	134·55	132·60	132·70
5	131·85	143·10	137·95	133·70	131·70	130·20	130·55	131·05	135·85	134·35	132·55	132·70
6	131·85	143·10	138·05	133·85	131·60	130·20	130·70	131·80	135·85	134·20	132·55	132·70
7	131·85	143·10	138·10	133·80	131·55	130·20	130·80	132·55	135·70	133·95	132·55	132·70
8	132·05	143·05	138·20	133·80	131·35	130·10	130·85	133·20	135·45	133·70	132·55	132·70
9	132·20	143·05	138·35	133·80	131·20	130·05	130·95	133·60	135·35	133·35	132·55	132·70
10	133·35	142·85	138·55	133·70	131·05	129·95	131·05	133·70	135·30	133·30	132·55	132·70
11	134·55	142·80	138·70	133·70	130·70	129·85	131·05	134·05	135·20	133·20	132·55	132·70
12	135·60	142·60	138·70	133·70	130·35	129·70	131·10	134·35	135·10	133·10	132·55	132·80
13	136·70	142·35	138·55	133·70	130·35	129·35	131·20	134·55	135·05	133·05	132·55	132·80
14	138·55	142·10	138·35	133·70	130·30	129·10	131·20	134·70	134·95	133·05	132·60	132·80
15	140·55	141·85	138·20	133·60	130·30	129·10	131·30	134·70	134·85	132·95	132·60	132·80
16	140·85	141·45	137·85	133·60	130·30	129·05	131·30	134·80	134·80	132·95	132·60	132·70
17	140·85	141·35	137·55	133·55	130·20	128·95	131·30	134·80	134·80	132·85	132·60	132·70
18	140·85	140·85	137·20	133·35	130·20	128·95	131·30	134·85	134·70	132·80	132·60	132·70
19	140·85	140·30	136·85	133·35	130·10	128·85	131·30	134·85	134·70	132·80	132·60	132·80
20	141·35	140·05	136·55	133·35	130·10	129·10	131·30	134·85	134·80	132·80	132·60	132·80
21	143·60	139·80	136·35	133·35	130·05	129·35	131·30	134·85	134·80	132·70	132·60	132·85
22	144·35	139·55	136·20	133·30	129·95	129·70	131·30	135·20	134·85	132·70	132·60	133·35
23	146·70	139·30	135·80	133·20	130·05	129·80	131·20	135·55	134·85	132·70	132·60	133·60
24	147·70	139·05	135·55	133·05	130·20	129·85	131·10	135·85	134·85	132·70	132·60	134·55
25	147·70	138·80	135·35	132·85	130·35	129·95	131·05	136·05	134·80	132·70	132·60	134·35
26	146·20	138·45	135·10	132·70	130·55	129·95	130·95	136·10	134·80	132·70	132·60	134·10
27	144·80	138·30	134·85	132·55	130·55	130·05	130·95	136·04	134·80	132·70	132·55	133·89
28	144·10	138·10	134·60	132·45	130·45	130·05	130·85	135·85	134·80	132·70	132·55	133·85
29	143·80	138·05	134·45	132·35	130·35	130·10	130·85	135·80	134·80	132·70	.....	134·05
30	143·60	137·95	134·30	132·30	130·30	130·10	130·85	135·70	134·80	132·70	.....	133·60
31	.....	137·85	.....	132·20	130·20	.....	130·95	.....	134·85	132·70	.....	134·05

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1897–98.

TABLE No. 241.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	135·20	144·45	142·10	137·10	132·70	132·30	129·55	131·10	130·80	131·20	130·30	131·20
2	135·55	145·10	141·85	136·80	132·70	132·20	129·55	131·20	130·80	131·10	130·30	131·20
3	135·70	145·10	141·60	136·55	132·70	132·10	129·55	131·20	130·70	131·10	130·30	131·20
4	135·70	144·95	141·45	136·35	132·70	132·05	129·45	131·30	130·70	131·05	130·30	131·20
5	135·60	144·85	141·20	136·20	132·70	131·95	129·45	131·35	130·70	130·95	130·30	131·20
6	135·45	144·85	141·05	135·95	132·55	131·80	129·45	131·35	130·60	130·85	130·30	131·20
7	135·20	144·85	140·85	135·70	132·35	131·60	129·45	131·35	130·60	130·80	130·30	131·30
8	134·85	144·85	140·80	135·45	132·30	131·55	129·35	131·35	130·60	130·80	130·30	131·30
9	134·55	144·85	140·60	135·20	132·05	131·35	129·35	131·20	130·60	130·70	130·30	131·30
10	134·35	144·85	140·60	135·05	132·05	131·30	129·35	131·10	130·60	130·60	130·30	131·30
11	134·60	144·85	140·60	134·95	132·05	131·10	129·30	131·10	130·70	130·55	130·35	131·35
12	134·85	144·55	140·60	134·80	132·05	131·05	129·30	131·05	130·80	130·45	130·55	132·45
13	134·80	144·20	140·70	134·60	132·05	130·95	129·20	131·05	130·85	130·35	130·55	134·55
14	134·60	143·85	140·95	134·35	132·05	130·85	129·20	130·85	131·20	130·35	130·70	137·30
15	134·60	143·70	140·85	134·20	132·05	130·80	129·20	130·85	131·85	130·35	131·20	138·35
16	134·70	143·45	140·80	134·05	132·05	130·70	129·20	130·85	132·70	130·35	131·35	139·20
17	134·70	143·35	140·55	133·85	132·05	130·55	129·20	130·85	133·10	130·35	131·35	139·80
18	134·95	143·35	140·20	133·70	132·05	130·35	129·20	130·85	133·20	130·35	131·35	140·30
19	135·20	143·20	139·85	133·55	132·05	130·30	129·20	130·80	133·20	130·35	131·35	140·35
20	135·55	143·05	139·60	133·45	132·05	130·20	129·20	130·80	133·10	130·35	131·35	140·30
21	135·85	143·05	139·20	133·35	132·05	130·10	129·55	130·80	132·95	130·35	131·35	140·20
22	136·10	143·35	138·95	133·20	132·05	130·05	129·85	130·70	132·70	130·35	131·30	140·10
23	136·30	144·05	138·60	133·05	132·10	129·85	130·05	130·60	132·35	130·35	131·30	140·05
24	136·45	143·85	138·55	132·85	132·35	129·70	130·20	130·60	132·20	130·35	131·30	139·95
25	137·20	144·10	138·35	132·85	132·55	129·55	130·35	130·55	132·05	130·35	131·30	139·70
26	138·05	144·20	138·20	132·85	132·55	129·55	130·55	130·55	131·80	130·35	131·20	139·35
27	139·55	144·20	137·80	132·85	132·55	129·55	130·70	130·55	131·60	130·30	131·20	138·85
28	141·55	143·95	137·35	132·85	132·55	129·55	130·85	130·70	131·55	130·30	131·20	138·35
29	142·80	143·45	137·30	132·80	132·55	129·55	131·05	130·80	131·35	130·30	.....	138·05
30	143·80	142·95	137·20	132·70	132·55	129·45	131·10	130·85	131·30	130·30	.....	138·20
31	.....	142·45	.....	132·70	132·35	.....	131·10	.....	131·20	130·30	.....	138·35

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1898–99.

TABLE No. 242.

1	138·55	139·05	138·95	136·80	132·30	130·80	130·60	134·70	133·60	131·95	131·70	131·70
2	138·70	138·85	138·85	136·85	132·05	130·70	130·80	134·70	133·35	131·95	131·70	131·70
3	138·55	138·80	138·80	136·80	131·85	130·60	130·95	134·45	133·30	131·85	131·70	131·70
4	138·35	138·70	138·70	136·70	131·80	130·55	131·05	134·45	133·20	131·85	131·70	131·70
5	138·30	138·70	138·45	136·55	131·70	130·55	131·10	134·20	133·20	131·85	131·70	131·70
6	138·10	138·55	138·20	136·35	131·70	130·45	131·10	134·05	133·10	131·85	131·80	131·70
7	137·70	138·30	137·85	136·30	131·60	130·60	131·05	133·85	133·10	131·85	131·80	131·80
8	137·35	138·10	137·60	136·05	131·55	130·85	130·85	133·80	133·05	131·85	131·80	131·80
9	137·10	137·95	137·35	135·85	131·55	131·05	130·85	133·70	132·95	131·85	131·80	131·80
10	136·85	137·85	137·10	135·70	131·55	131·10	130·80	133·60	132·85	131·80	131·70	131·80
11	136·60	137·70	137·05	135·45	131·55	131·05	130·80	133·55	132·80	131·80	131·70	131·80
12	136·35	137·60	136·85	135·30	131·55	130·95	130·80	133·35	132·80	131·80	131·70	131·80
13	136·10	137·55	136·85	135·05	131·45	130·85	130·60	133·55	132·70	131·80	131·70	131·80
14	135·95	137·35	136·85	134·80	131·45	130·85	130·70	133·70	132·70	131·80	131·70	131·80
15	135·80	137·30	136·80	134·60	131·45	130·85	131·10	133·85	132·60	131·80	131·70	131·80
16	135·95	137·30	136·60	134·35	131·70	130·80	131·10	133·85	132·55	131·80	131·60	131·80
17	136·35	137·20	136·55	134·20	131·85	130·80	130·95	133·95	132·55	131·80	131·60	131·80
18	136·55	137·10	136·35	134·05	132·05	130·70	130·80	134·10	132·45	131·80	131·60	131·80
19	136·85	137·05	136·20	134·05	132·05	130·55	131·10	134·20	132·45	131·80	131·60	131·80
20	137·35	136·85	136·05	134·05	132·10	130·45	131·70	134·20	132·45	131·80	131·60	131·70
21	137·85	136·80	135·80	133·85	132·05	130·45	131·95	134·20	132·35	131·80	131·70	131·70
22	138·35	136·80	135·60	133·60	131·95	130·45	132·30	134·10	132·35	131·80	131·70	131·70
23	138·80	136·80	135·35	133·45	131·80	130·55	132·60	134·10	132·35	131·80	131·80	131·70
24	138·85	136·95	135·10	133·35	131·70	130·55	132·95	134·05	132·30	131·80	131·80	131·70
25	139·05	137·30	134·85	133·30	131·60	130·60	133·20	134·05	132·30	131·80	131·70	131·70
26	139·10	137·85	135·05	133·05	131·35	130·70	133·55	133·95	132·20	131·80	131·70	131·80
27	139·10	138·35	135·20	132·85	131·10	130·70	133·80	133·85	132·20	131·80	131·70	131·95
28	139·10	138·60	135·80	132·85	131·05	130·60	134·20	133·85	132·10	131·80	131·70	132·30
29	139·10	138·85	136·30	132·70	130·95	130·55	134·55	133·80	132·10	131·80	.....	131·55
30	139·10	139·05	136·60	132·55	130·95	130·45	134·70	133·70	132·05	131·80	.....	131·85
31	.....	139·05	.....	132·35	130·85	.....	134·70	.....	132·05	131·80	.....	132·05

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1899–1900.

TABLE No. 243.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	133·05	144·60	142·35	136·55	133·95	130·30	132·70	131·80	130·60	134·45	132·05	131·20
2	133·20	145·35	142·35	136·30	133·95	130·30	133·05	131·85	130·70	134·35	132·05	131·10
3	133·20	146·10	142·35	136·05	133·85	130·20	133·30	132·10	130·70	134·30	132·05	131·10
4	133·20	146·55	142·35	135·70	133·80	130·20	133·35	132·10	130·70	134·30	132·05	131·05
5	133·20	147·10	142·35	135·45	133·70	130·10	133·35	132·05	130·60	134·20	132·05	131·05
6	133·30	147·55	142·35	135·30	133·45	129·95	133·30	131·95	130·60	134·20	132·05	131·05
7	133·30	147·70	142·05	135·20	133·20	129·85	133·30	131·80	130·60	134·10	132·05	131·05
8	133·30	147·85	141·70	135·05	133·05	129·90	133·05	131·80	130·60	134·10	131·95	131·05
9	133·30	147·70	141·35	135·30	132·70	129·80	132·70	131·80	130·60	134·05	131·95	131·05
10	133·35	147·35	141·05	135·70	132·45	129·70	132·60	132·10	130·60	134·05	132·10	131·05
11	133·35	147·05	140·70	136·35	132·35	129·70	132·45	132·20	130·60	133·85	132·20	131·05
12	133·70	146·60	140·55	136·85	132·30	129·60	132·30	132·10	130·70	133·85	132·20	131·05
13	134·35	146·30	140·35	137·05	132·20	129·55	132·20	132·05	131·80	133·80	132·30	131·05
14	135·85	145·80	140·05	137·05	132·05	129·45	131·95	131·85	132·80	133·55	132·35	131·05
15	137·70	145·30	139·70	136·85	131·85	129·35	131·80	131·60	133·45	133·30	132·45	131·05
16	138·80	144·85	139·35	136·55	131·70	129·30	131·70	131·35	134·10	132·80	132·45	130·95
17	139·35	144·55	139·30	136·30	131·55	129·30	131·60	131·20	134·35	132·60	132·35	130·95
18	139·80	144·10	139·05	136·05	131·35	129·30	131·55	131·05	134·35	132·45	132·35	130·95
19	140·20	143·70	138·95	135·70	131·10	129·30	131·55	130·85	134·35	132·35	132·20	130·95
20	140·20	143·35	138·85	135·55	131·05	129·30	131·60	130·85	134·35	132·20	132·05	130·95
21	140·05	143·05	138·70	135·35	130·95	129·35	131·60	130·85	134·35	132·20	131·85	130·95
22	139·85	142·70	138·45	135·10	130·80	129·45	131·60	130·80	134·35	132·20	131·70	130·95
23	139·85	142·35	138·20	134·85	130·70	129·55	131·60	130·80	134·35	132·10	131·55	130·95
24	139·80	142·05	137·85	134·60	130·60	129·55	131·70	130·80	134·35	132·10	131·35	130·95
25	139·80	141·70	137·55	134·35	130·60	129·60	131·70	130·80	134·35	132·10	131·35	130·95
26	141·20	141·35	137·20	134·20	130·55	129·85	131·70	130·80	134·45	132·10	131·30	130·95
27	142·30	141·05	137·20	134·05	130·45	130·30	131·70	130·80	134·55	132·10	131·20	130·95
28	143·35	140·70	137·10	133·95	130·35	130·95	131·70	130·70	134·55	132·10	131·20	130·95
29	143·70	140·35	137·05	133·80	130·35	131·60	131·80	130·60	134·55	132·10	.....	130·95
30	144·10	140·70	136·95	133·85	130·35	132·20	131·80	130·60	134·55	132·10	.....	130·95
31	.....	141·70	.....	133·85	130·30	.....	131·80	.....	134·55	132·10	.....	130·95

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1900–1901.

TABLE No. 244.

1	130·95	141·35	137·35	133·30	136·05	132·10	132·35	132·35	133·55	131·85	130·85	130·70
2	131·20	141·10	137·20	133·05	136·05	132·05	132·45	132·30	133·55	131·85	130·85	130·70
3	132·35	140·80	137·80	133·35	135·95	132·05	132·45	132·30	133·45	131·85	130·85	130·70
4	133·60	140·60	138·35	134·35	135·85	131·85	132·35	132·30	133·45	131·80	130·85	130·70
5	134·35	140·35	138·55	134·55	135·70	131·80	132·35	132·20	133·35	131·80	130·85	130·70
6	135·60	140·05	138·35	134·60	135·60	131·60	132·45	132·20	133·30	131·80	130·85	130·70
7	137·05	139·80	138·20	134·80	135·55	131·55	132·45	132·10	133·20	131·70	130·80	130·70
8	138·20	139·60	138·05	135·10	135·35	131·35	132·60	132·10	133·10	131·70	130·80	130·70
9	138·20	140·35	137·85	135·35	135·20	131·30	132·80	132·10	133·10	131·60	130·80	130·70
10	137·55	140·60	137·80	135·70	135·10	131·20	132·85	132·10	133·10	131·60	130·80	130·70
11	136·85	140·35	137·80	135·85	134·95	131·20	133·05	132·05	133·10	131·60	130·80	130·70
12	135·85	140·30	137·60	136·05	134·95	131·30	133·10	131·95	133·05	131·55	130·80	130·60
13	135·55	140·10	137·35	136·10	134·85	131·20	133·20	131·85	132·85	131·55	130·80	130·60
14	135·30	139·85	137·10	136·35	134·70	131·10	133·35	131·85	132·70	131·55	130·80	130·60
15	135·30	139·55	136·95	136·70	134·55	131·05	133·55	131·80	132·70	131·55	130·80	130·60
16	135·30	139·35	136·60	136·70	134·55	131·10	133·60	131·80	132·60	131·45	130·80	130·60
17	135·30	139·35	136·35	136·70	134·55	131·35	133·70	131·80	132·55	131·35	130·70	130·60
18	135·80	139·55	136·10	137·55	134·45	131·55	132·70	131·70	132·35	131·35	130·70	130·60
19	136·45	139·55	135·85	137·55	134·30	131·80	133·70	131·80	132·35	131·35	130·70	130·60
20	137·45	139·55	135·60	137·05	134·10	131·95	133·70	132·10	132·30	131·35	130·70	130·60
21	138·35	139·30	135·45	136·70	134·05	132·10	133·55	133·60	132·30	131·20	130·70	130·60
22	139·35	139·10	135·20	136·55	133·85	132·20	133·35	134·10	132·20	131·20	130·70	130·70
23	139·95	139·05	134·95	136·35	133·70	132·20	133·10	134·20	132·20	131·20	130·70	130·70
24	140·80	138·85	134·60	136·30	133·55	132·20	132·80	134·30	132·10	131·10	130·70	130·80
25	141·30	138·70	134·35	136·30	133·35	132·20	132·55	134·35	132·10	131·10	130·70	130·80
26	141·80	138·45	134·20	136·35	133·20	132·10	132·45	134·35	132·05	131·10	130·70	130·80
27	141·95	138·20	133·35	136·35	133·05	132·10	132·45	134·35	132·05	130·95	130·70	130·80
28	142·10	138·05	133·80	136·30	132·85	132·10	132·45	134·20	131·95	130·95	130·70	130·80
29	141·95	137·95	133·60	136·20	132·60	132·20	132·45	133·95	131·95	130·95	.....	130·80
30	141·80	137·80	133·45	136·20	132·45	132·20	132·45	133·70	131·95	130·95	.....	.....
31	.....	137·60	.....	136·12	132·30	.....	132·45	.....	131·95	130·95	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1901–02.

TABLE No. 245.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·20	143·55	138·70	134·55	131·05	129·45	127·95	129·35	129·70	132·70	132·55	132·45
2	131·85	143·55	138·95	134·35	131·05	129·55	128·05	129·45	129·80	132·60	132·55	133·20
3	132·70	143·35	139·30	134·10	130·95	129·60	128·05	129·45	130·20	132·60	132·55	133·35
4	133·85	143·30	139·45	133·85	130·85	129·80	128·05	129·45	130·30	132·60	132·55	133·35
5	135·30	143·10	139·45	133·70	130·80	129·70	128·05	129·45	130·30	132·60	132·55	133·30
6	136·85	142·95	139·55	133·55	130·70	129·60	128·10	129·45	130·30	132·60	132·45	133·10
7	138·20	142·95	139·70	133·35	130·60	129·55	128·10	129·45	130·30	132·60	132·45	132·95
8	139·05	142·95	139·85	133·30	130·60	129·45	128·20	129·55	130·20	132·60	132·45	132·70
9	139·60	142·85	139·85	133·10	130·55	129·30	128·30	129·60	130·20	132·60	132·45	132·55
10	141·20	142·80	139·70	133·05	130·55	129·20	128·35	129·60	130·20	132·60	132·45	132·55
11	141·55	142·55	139·35	132·95	130·45	129·20	128·35	129·70	130·20	132·60	132·45	132·55
12	141·55	142·30	139·10	132·85	130·35	129·10	128·35	129·70	130·20	132·60	132·45	132·85
13	140·85	141·85	138·85	132·80	130·30	129·05	128·35	129·70	130·20	132·55	132·45	133·60
14	139·80	141·55	138·60	132·55	130·20	128·95	128·35	129·70	130·20	132·55	132·45	134·20
15	138·85	141·20	138·35	132·35	130·05	128·85	128·45	129·70	131·20	132·55	132·45	134·35
16	138·85	140·80	138·20	132·20	129·85	128·85	128·60	129·70	132·20	132·55	132·45	135·85
17	139·10	140·60	138·05	132·05	129·80	128·70	128·70	129·70	132·55	132·55	132·45	137·35
18	139·30	140·55	137·70	131·85	129·70	128·60	128·70	129·70	132·70	132·55	132·45	137·60
19	139·35	140·55	137·35	131·70	129·70	128·60	128·80	129·70	132·70	132·55	132·45	137·80
20	139·55	140·45	137·20	131·35	129·70	128·55	128·85	129·70	132·70	132·55	132·45	137·85
21	140·35	140·45	136·85	131·20	129·60	128·45	128·95	129·70	132·70	132·55	132·45	138·05
22	141·60	140·45	136·55	131·05	129·80	128·30	128·95	129·70	132·70	132·55	132·45	138·10
23	142·45	140·35	136·20	130·95	129·85	128·10	128·95	129·70	132·70	132·55	132·45	138·10
24	143·10	140·30	136·05	130·85	129·95	128·05	128·95	129·80	132·70	132·55	132·45	138·10
25	143·30	140·10	135·85	130·70	129·85	127·95	128·95	129·80	132·70	132·55	132·45	138·20
26	143·35	139·85	135·60	130·70	129·80	127·95	128·95	129·80	132·70	132·55	132·45	138·30
27	143·55	139·60	135·35	130·70	129·70	127·85	128·95	129·80	132·70	132·55	132·45	138·45
28	143·55	139·35	135·10	130·60	129·60	127·85	129·05	129·80	132·70	132·55	132·45	138·60
29	143·55	139·20	134·85	130·60	129·55	127·80	129·20	129·80	132·70	132·55	.....	138·80
30	143·55	138·95	134·60	130·80	129·55	127·70	129·30	129·80	132·70	132·55	.....	139·10
31	.....	138·70	.....	131·10	129·45	.....	129·35	.....	132·70	132·55	.....	139·35

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1902–03.

TABLE No. 246.

1	139·35	139·80	138·80	136·70	133·20	131·05	130·35	132·20	135·30	133·12	131·79	132·20
2	139·60	140·10	138·85	136·70	133·20	130·85	130·35	132·10	135·10	133·12	131·79	132·29
3	139·95	140·30	138·95	136·60	133·30	130·70	130·35	132·10	135·05	133·12	131·79	132·29
4	140·10	140·35	139·05	136·60	133·30	130·55	130·35	132·10	134·95	133·04	131·70	133·20
5	140·20	140·45	139·05	136·55	133·30	130·45	130·35	132·10	134·85	133·04	131·70	134·37
6	140·20	140·55	139·05	136·55	133·20	130·35	130·35	132·20	134·80	132·95	131·70	134·54
7	140·05	140·55	139·05	136·55	133·20	130·30	130·35	132·30	134·80	132·95	131·70	134·70
8	139·85	140·55	139·05	136·35	133·20	130·20	130·35	132·30	134·80	132·87	131·70	135·20
9	139·60	140·55	139·05	136·20	133·10	130·10	130·35	132·55	134·70	132·79	131·70	135·37
10	139·35	140·55	138·95	136·05	133·05	130·05	130·45	132·85	134·70	132·79	131·70	135·87
11	139·20	140·55	138·95	135·85	132·95	130·05	130·45	133·10	134·70	132·79	131·79	136·37
12	139·10	140·45	138·95	135·80	132·85	129·95	130·55	133·30	134·60	132·70	131·79	136·70
13	139·05	140·35	138·95	135·60	132·80	129·95	130·60	133·55	134·60	132·70	131·79	137·04
14	139·05	140·35	138·85	135·35	132·70	130·10	130·60	133·70	134·55	132·70	131·79	137·20
15	139·05	140·20	138·70	135·30	132·55	130·30	130·60	133·80	134·55	132·62	131·79	137·29
16	139·05	140·10	138·45	135·20	132·45	130·35	130·70	133·85	134·45	132·62	131·79	137·37
17	138·95	140·05	138·20	135·05	132·30	130·55	130·80	134·10	134·45	132·54	131·87	137·45
18	138·95	139·85	138·05	134·85	132·10	130·70	130·80	134·30	134·35	132·45	131·87	137·62
19	138·85	139·60	137·85	134·70	132·05	130·85	130·95	134·55	134·35	132·37	131·87	138·29
20	138·80	139·35	137·80	134·60	131·95	131·05	131·10	134·80	134·35	132·29	131·87	138·95
21	138·80	139·10	137·70	134·55	131·85	131·05	131·30	135·05	134·35	132·29	131·87	139·37
22	138·70	138·80	137·55	134·45	131·80	130·95	131·35	135·10	134·20	132·20	131·95	139·45
23	138·70	138·55	137·30	134·35	131·70	130·85	131·55	135·30	134·10	132·20	131·95	139·54
24	138·70	138·35	137·20	134·20	131·60	130·85	131·70	135·35	133·95	132·04	131·95	139·54
25	138·80	138·35	137·05	134·10	131·55	130·80	131·80	135·55	133·80	132·04	131·95	139·87
26	138·80	138·35	136·95	134·05	131·55	130·60	131·85	135·55	133·60	132·04	132·04	139·37
27	138·80	138·45	136·95	133·85	131·45	130·55	131·95	135·55	133·55	131·95	132·04	139·29
28	138·85	138·55	136·85	133·70	131·45	130·45	132·05	135·45	133·35	131·95	132·12	139·20
29	138·85	138·60	136·80	133·55	131·35	130·35	132·10	135·45	133·30	131·87	.....	139·12
30	139·20	138·70	136·70	133·35	131·30	130·35	132·20	135·35	133·20	131·87	.....	139·12
31	.....	138·70	.....	133·20	131·20	.....	132·20	.....	133·15	131·87	.....	139·04

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1903–04.

TABLE No. 247.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	138·55	137·20	138·04	136·95	133·20	131·45	131·87	132·37	131·04	130·70	130·62	130·54
2	138·30	137·62	137·79	137·87	133·12	131·37	131·79	132·37	131·04	130·70	130·62	130·54
3	137·95	137·87	137·45	138·70	133·04	131·37	131·79	132·20	131·04	130·70	130·62	130·54
4	137·70	138·12	137·04	138·70	132·95	131·29	131·79	132·12	131·04	130·70	130·62	130·54
5	137·54	138·29	136·79	137·87	132·87	131·29	131·70	132·04	130·95	130·70	130·62	130·54
6	137·54	138·37	136·45	138·12	132·79	131·20	131·70	131·95	130·95	130·70	130·62	130·54
7	137·70	138·54	136·29	136·62	132·70	131·04	131·70	131·87	130·95	130·70	130·62	130·54
8	137·95	138·87	136·12	136·37	132·62	130·87	131·79	131·87	130·95	130·70	130·62	130·62
9	138·12	139·04	136·12	136·04	132·54	130·79	131·87	131·87	130·95	130·70	130·62	130·86
10	138·37	139·20	136·12	135·79	132·45	130·70	132·29	131·79	130·95	130·70	130·62	130·95
11	138·20	139·37	136·04	135·37	132·45	130·62	132·54	131·70	130·95	130·70	130·62	131·04
12	138·04	139·45	136·04	135·12	132·45	130·62	132·79	131·62	130·95	130·62	130·62	131·04
13	137·79	139·62	136·12	134·79	132·45	130·54	132·79	131·62	130·95	130·62	130·62	131·04
14	137·54	139·62	136·20	134·54	132·45	130·54	132·79	131·54	130·95	130·62	130·62	131·04
15	137·45	139·70	136·29	134·45	132·37	130·45	132·95	131·54	130·95	130·62	130·62	131·04
16	137·37	139·79	136·37	134·37	132·37	130·45	133·04	131·45	130·95	130·62	130·62	131·04
17	137·37	139·90	136·37	134·04	132·37	130·45	133·12	131·37	130·87	130·62	130·62	131·04
18	137·29	139·90	136·54	134·12	132·37	130·54	133·12	131·29	130·87	130·62	130·62	131·04
19	137·29	139·95	136·62	133·95	132·37	130·95	133·37	131·29	130·87	130·62	130·62	131·04
20	137·20	139·79	136·70	133·87	132·37	131·20	133·45	131·20	130·87	130·62	130·54	131·04
21	137·20	139·62	136·70	133·70	132·29	131·37	133·54	131·20	130·87	130·62	130·54	131·04
22	137·10	139·37	136·79	133·62	132·04	131·79	133·62	131·20	130·87	130·62	130·54	131·04
23	137·10	139·20	136·95	133·62	131·95	131·95	133·20	131·12	130·87	130·62	130·54	131·04
24	137·10	139·04	137·04	133·62	131·78	132·20	132·87	131·12	130·79	130·62	130·54	131·12
25	137·05	138·79	137·12	133·62	131·70	132·37	132·70	131·12	130·79	130·62	130·54	131·29
26	137·05	138·62	137·20	133·54	131·54	132·37	132·54	131·12	130·79	130·62	130·54	131·37
27	137·05	138·37	137·20	133·54	131·54	132·45	132·54	131·04	130·79	130·62	130·54	131·54
28	137·05	138·20	137·12	133·54	131·54	132·45	132·45	131·04	130·79	130·62	130·54	132·12
29	136·95	138·20	137·04	133·45	131·54	132·29	132·45	131·04	130·79	130·62	130·54	133·37
30	136·95	138·20	136·99	133·45	131·54	131·95	132·37	131·04	130·79	130·62	.....	133·87
31	.....	138·37	.....	133·37	131·62	.....	132·29	.....	130·79	130·62	.....	134·29

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1904–05.

TABLE No. 248

1	134·62	139·87	144·54	138·87	133·37	131·12	131·79	134·37	131·87	131·37	131·37	131·12
2	135·37	141·29	144·70	138·70	133·37	130·95	132·12	134·37	131·87	131·37	131·37	131·12
3	136·37	142·03	144·95	138·37	133·20	130·79	132·20	134·37	131·79	121·37	131·37	131·03
4	137·37	142·54	145·29	138·03	132·87	130·95	132·54	134·37	131·79	131·45	131·37	131·03
5	138·20	143·45	145·29	137·79	132·62	131·20	132·87	134·37	131·70	131·54	131·37	131·03
6	138·62	144·62	145·29	137·62	132·45	131·20	132·95	134·37	131·70	131·54	131·37	130·95
7	139·12	145·20	145·29	137·37	132·37	131·20	133·12	134·20	131·62	131·54	131·29	130·95
8	139·37	145·54	145·37	137·12	132·29	131·12	133·20	134·03	131·62	131·54	131·29	130·95
9	139·87	145·87	145·45	136·87	132·12	131·12	133·29	133·95	131·62	131·45	131·29	130·95
10	140·54	145·87	145·70	136·87	132·03	131·03	133·37	133·79	131·62	131·45	131·29	130·95
11	141·20	145·87	145·87	136·79	131·87	131·03	133·54	133·62	131·54	131·45	131·29	130·87
12	140·87	145·87	145·95	136·70	131·62	130·95	133·62	133·45	131·54	131·45	131·29	130·87
13	140·37	145·70	145·70	136·70	131·54	130·70	133·62	133·29	131·54	131·45	131·29	130·87
14	139·70	145·37	145·54	136·62	131·54	130·95	133·62	133·20	131·45	131·37	131·29	130·87
15	139·20	145·12	145·03	136·54	131·45	130·87	133·95	133·12	131·45	131·37	131·29	130·87
16	138·79	144·87	144·54	136·45	131·45	130·79	134·12	133·03	131·45	131·37	131·29	130·87
17	138·45	144·79	144·03	136·20	131·45	130·79	134·37	132·95	131·45	131·37	131·29	130·87
18	138·12	144·70	143·37	136·03	131·54	130·62	134·37	132·87	131·45	131·37	131·20	130·87
19	137·79	144·70	143·03	135·87	131·54	130·45	134·37	132·79	131·45	131·37	131·20	130·87
20	137·37	144·62	142·45	135·62	131·54	130·37	134·37	132·62	131·45	131·37	131·20	129·95
21	137·12	144·54	142·03	135·45	131·54	130·37	134·37	132·54	131·37	131·37	131·20	130·03
22	136·70	144·45	141·79	135·37	131·62	130·37	134·37	132·45	131·37	131·37	131·20	130·03
23	136·37	144·45	141·37	135·12	131·62	130·29	134·37	132·45	131·37	131·37	131·12	130·12
24	136·62	144·37	140·87	134·95	131·62	130·29	134·45	132·37	131·37	131·37	131·12	130·12
25	136·87	144·29	140·45	134·79	131·54	130·45	134·62	132·29	131·37	131·37	131·12	130·37
26	137·37	144·20	140·12	134·54	131·54	130·95	134·62	132·20	131·37	131·37	131·12	130·70
27	137·62	144·12	139·87	134·29	131·45	131·37	134·62	132·12	131·37	131·37	131·12	131·54
28	138·12	144·12	139·45	134·03	131·45	131·37	134·54	132·03	131·37	131·37	131·12	132·37
29	139·04	144·03	139·29	133·79	131·37	131·45	134·45	132·03	131·37	131·37	.....	132·54
30	139·95	144·03	139·20	133·62	131·29	131·62	134·45	131·95	131·37	131·37	.....	132·70
31	.....	143·95	.....	133·45	131·12	.....	134·45	.....	131·37	131·37	.....	132·79

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1905–06.

TABLE No. 249.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	133·70	133·95	138·12	134·03	132·62	129·79	.....	131·04	130·54	.....	.....	132·49
2	135·20	134·03	138·03	133·87	132·62	129·70	129·70	131·20	131·62	130·70	.....	132·12
3	137·03	134·45	137·87	133·70	132·54	129·70	129·79	131·29	.....	130·70	.....	131·99
4	137·45	135·62	137·70	133·54	132·37	129·79	129·45	130·95	131·45	130·87	.....	.....
5	137·29	136·29	137·54	133·37	132·29	129·87	129·41	.....	131·45	130·74	.....	131·85
6	137·29	136·37	137·37	133·29	132·20	129·95	129·37	131·45	131·20	130·70	133·16	131·79
7	137·20	136·62	137·20	133·03	132·03	130·04	129·20	130·79	131·08	.....	133·08	131·70
8	137·12	136·95	137·03	132·79	131·87	129·95	.....	130·79	130·95	130·58	132·93	131·64
9	136·70	137·37	136·87	132·70	131·70	129·87	129·20	130·66	130·95	130·54	132·74	131·74
10	136·20	137·79	136·70	132·62	131·54	129·79	129·29	130·79	130·83	130·49	132·59	131·49
11	135·79	138·37	136·54	132·54	131·29	129·79	129·45	130·70	131·04	130·43	.....	.....
12	135·70	138·79	136·37	132·54	131·20	129·79	129·29	.....	130·95	130·45	131·29	131·27
13	135·62	139·20	136·29	132·54	131·20	129·79	129·20	130·87	130·70	130·37	131·20	131·20
14	135·62	139·37	136·20	132·54	131·20	129·70	129·37	130·70	130·62	130·20	131·24	131·12
15	135·54	139·54	136·37	132·54	131·20	129·62	.....	130·70	130·54	130·37	132·12	130·97
16	135·29	139·54	136·37	132·54	131·20	129·62	.....	130·87	130·37	130·33	132·00	130·85
17	135·20	139·54	136·45	132·54	131·12	129·45	129·87	130·54	.....	130·33	131·87	130·79
18	135·03	139·62	136·37	132·54	130·95	129·45	130·08	130·62	130·37	130·33	.....	.....
19	134·87	139·62	136·37	132·62	130·87	129·70	130·04	.....	130·29	130·33	131·70	130·58
20	134·70	139·70	136·37	132·70	130·62	130·37	130·12	130·45	130·29	130·29	131·64	130·60
21	134·62	139·70	136·20	132·70	130·37	130·45	130·33	130·37	130·45	.....	131·58	130·39
22	134·54	139·87	135·95	132·54	130·20	130·37	.....	130·37	130·45	130·37	132·04	130·22
23	134·45	140·03	135·79	132·45	130·12	130·29	130·62	130·33	130·37	131·08	132·24	130·18
24	134·37	140·03	135·54	132·37	130·04	130·29	131·04	130·45	.....	133·62	132·20	130·12
25	134·29	139·87	.....	132 37	129·95	130·20	131·04	130·33	.....	134·12	.....	.....
26	134·20	139·62	135·20	132·37	129·87	130·04	.....	.....	130·29	134·14	132·79	129·95
27	134·03	139·37	134·87	132·37	129·79	129·95	131·45	130·45	130·29	134·08	132·83	130·68
28	134·03	139·12	134·62	132·29	129·70	129·95	131·45	130·87	130·29	.....	132·54	132·43
29	133·87	138·70	134·37	132·20	129·62	129·87	.....	130·70	130·37	133·83	.....	132·91
30	133·87	138·45	134·20	132·20	129·62	129·87	131·45	130·45	130·45	133·70	.....	133·04
31	.....	138·20	.....	132·37	129·62	.....	131·45	.....	.....	133·70	.....	132·95

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1906–07.

TABLE No. 250.

1	.....	136·79	138·99	.....	131·37	128·54	127·70	128·49	128·95	128·37	128·29	128·20
2	132·37	136·87	138·87	.....	130·95	.....	128·62	128·60	.....	128·37	128·29	128·20
3	132·24	136·95	.....	136·66	131·12	129·29	128·76	128·54	.....	128·37	128·29	128·20
4	132·20	137·12	138·41	136·41	130·95	128·54	128·74	.....	129·79	128·37	128·29	128·20
5	132·20	137·45	138·20	136·16	.....	128·43	128·76	128·60	.....	128·37	128·29	128·20
6	132·24	137·99	138·20	135·95	130·62	128·37	128·83	128·54	129·91	128·37	128·29	128·20
7	132·37	.....	138·29	135·64	130·87	128·37	.....	128·62	.....	128·37	128·29	128·20
8	.....	138·20	138·74	.....	130·70	128·37	128·97	128·58	129·95	128·37	128·29	128·20
9	132·70	.....	139·45	135·12	130·62	.....	128·83	.....	.....	128·37	128·29	128·20
10	132·79	139·04	139·12	134·91	130·43	128·35	128·74	128·45	.....	128·29	128·20	128·20
11	132·41	139·20	139·04	134·60	130·37	128·41	128·70	.....	129·76	128·29	128·20	128·20
12	132·37	139·37	.....	134·19	.....	128·35	128·72	128·60	.....	128·29	128·20	128·20
13	.....	.....	138·99	133·97	130·29	128·29	128·70	128·54	129·62	128·29	128·20	128·20
14	132·58	139·87	138·99	133·87	130·16	128·10	128·70	128·45	.....	128·29	128·20	128·29
15	.....	139·99	138·99	.....	130·04	128·12	128·70	128·54	129·74	128·29	128·20	128·29
16	132·95	140·12	138·95	133·41	129·95	.....	128·18	128·45	.....	128·29	128·20	128·29
17	133·08	140·20	138·87	133·14	129·95	127·95	128·29	128·45	.....	128·29	128·20	128·29
18	133·20	140·20	138·74	132·87	129·81	128·04	.....	.....	129·62	128·29	128·20	128·29
19	133·49	140·29	.....	132·68	.....	127·99	128·45	128·45	.....	128·29	128·20	128·37
20	133·74	.....	138·54	132·56	129·68	127·99	128·39	128·62	129·56	128·29	128·20	128·37
21	134·29	140·29	138·33	132·37	129·68	127·93	.....	128·87	.....	128·29	128·20	128·37
22	.....	140·29	138·29	.....	129·62	127·87	128·39	128·62	129·41	128·29	128·20	128·45
23	135·45	140·24	138·24	132·20	129·62	.....	128·49	128·54	.....	128·29	128·20	128·54
24	135·91	.....	138·04	132·06	129·45	127·79	128·62	128·72	.....	128·29	128·20	128·62
25	136·29	140·12	138·04	131·87	129·37	127·83	128·49	.....	.....	128·29	128·20	128·70
26	136·37	139·95	137·99	131·74	.....	127·76	128·54	128·85	.....	128·29	128·20	130·29
27	136·58	.....	137·79	131·62	129·29	127·66	128·68	129·04	129·41	128·29	128·20	131·04
28	136·70	139·83	137·62	131·54	129·20	127·60	.....	129·12	.....	128·29	128·20	133·04
29	.....	139·54	137·54	.....	129·04	.....	128·54	129·12	129·33	128·29	.....	135·29
30	136·62	139·33	137·45	131·45	128·79	.....	128·79	129·26	.....	128·29	.....	136·37
31	.....	139·12	.....	131·29	128·62	.....	128·74	.....	.....	128·29	.....	136·95

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1907–08.

TABLE No. 251.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	137·37	134·95	141·54	137·45	133·45	130·37	132·37	132·29	132·79	133·37	132·37	131·79
2	137·79	136·37	140·87	137·45	133·45	130·37	132·29	132·29	132·62	133·37	132·37	131·70
3	137·79	137·62	140·62	137·54	133·37	130·37	132·29	132·37	132·70	133·45	132·20	131·62
4	137·79	137·70	140·54	137·54	133·29	130·37	132·29	132·45	133·37	133·29	132·12	131·62
5	136·37	137·87	140·54	137·29	133·20	130·37	132·12	132·45	133·37	133·04	132·04	131·54
6	136·20	138·04	140·54	137·12	133·29	130·37	131·95	132·70	133·29	133·04	131·95	131·45
7	136·12	138·12	140·54	136·95	133·20	130·20	132·29	133·87	133·20	133·04	131·87	131·45
8	136·12	138·12	140·54	136·79	133·12	130·04	132·29	134·87	133·04	133·04	131·87	131·45
9	136·04	138·04	140·54	136·62	132·87	130·12	132·20	135·37	133·12	132·95	131·79	131·45
10	135·87	137·95	140·54	136·45	132·70	130·20	132·29	135·45	133·20	132·79	131·79	131·45
11	135·70	137·87	140·54	136·37	132·62	130·29	132·29	135·62	133·37	132·54	131·79	131·45
12	135·37	137·79	140·54	136·29	132·37	130·37	132·37	135·45	133·37	132·54	131·70	131·45
13	135·29	137·70	140·54	136·12	132·29	130·37	132·45	135·29	133·45	132·54	131·70	131·37
14	135·20	137·79	140·45	135·87	132·12	130·37	132·54	135·04	133·45	132·54	131·70	131·37
15	135·12	137·79	140·20	135·70	132·04	130·45	132·70	135·20	133·62	132·54	131·87	131·54
16	134·95	138·04	139·87	135·37	131·95	130·79	132·87	135·04	133·70	132·45	132·04	131·79
17	134·79	138·37	139·70	135·29	131·87	131·04	132·87	134·45	133·79	132·37	132·04	132·04
18	134·79	138·79	139·54	135·04	131·54	131·37	132·87	134·20	133·87	132·20	132·04	132·12
19	134·70	139·54	139·37	134·95	131·37	131·20	132·95	133·95	133·87	132·12	132·12	132·29
20	134·62	140·37	138·37	134·70	131·37	131·29	132·95	133·87	133·87	132·12	132·12	132·20
21	134·37	141·37	138·87	134·54	131·37	131·37	132·79	133·87	133·79	132·12	132·04	132·20
22	134·20	141·70	138·70	134·37	131·29	131·37	132·70	133·62	133·70	132·29	131·95	132·20
23	133·87	142·04	138·45	134·29	131·04	131·70	132·62	133·45	133·54	132·20	131·95	132·20
24	133·70	142·12	138·20	134·20	130·95	131·87	132·62	133·37	133·45	132·37	131·95	132·29
25	133·62	142·20	137·87	134·12	130·70	131·95	132·45	133·37	133·37	132·12	131·95	132·29
26	133·62	142·12	137·79	133·95	130·54	131·95	132·37	133·29	133·37	131·95	131·95	132·37
27	133·70	141·87	137·70	133·95	130·54	131·87	132·45	133·20	133·37	131·87	131·95	132·37
28	133·70	141·87	137·62	133·79	130·54	132·12	132·45	133·12	133·37	132·37	131·87	132·95
29	133·79	141·87	137·54	133·62	130·45	132·20	132·45	133·12	133·37	132·29	131·79	133·45
30	133·79	141·87	137·45	133·54	130·45	132·29	132·37	132·95	133·37	132·29	.....	133·70
31	.....	141·87	.....	133·45	130·45	.....	132·29	.....	133·37	132·37	.....	133·12

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1908–09.

TABLE No. 252.

1	134·45	141·54	145·12	137·04	132·29	129·29	127·87	127·29	128·37	129·95	130·29	130·87
2	134·70	142·87	144·95	136·87	132·04	129·12	127·79	127·29	128·37	129·95	130·20	130·87
3	134·79	143·62	144·95	136·54	131·95	129·12	127·62	127·54	128·37	129·95	130·04	130·87
4	134·87	144·04	145·04	136·20	131·87	129·04	127·54	127·54	128·37	129·95	130·04	130·79
5	134·79	144·04	145·12	135·95	131·79	128·87	127·54	127·45	129·37	129·95	130·04	130·79
6	134·79	144·04	145·12	135·79	131·62	128·70	127·62	127·45	128·37	130·04	129·87	130·70
7	135·29	144·04	144·87	135·79	131·45	128·62	127·62	127·45	128·37	129·87	129·95	130·70
8	135·87	144·70	144·62	135·62	131·37	128·70	127·62	127·45	128·37	130·04	130·20	130·70
9	136·87	145·12	143·37	135·54	131·20	128·54	127·54	127·45	129·37	130·12	130·20	130·79
10	136·95	145·70	143·04	135·45	131·12	128·62	127·54	127·54	129·37	130·04	130·20	130·79
11	137·45	145·95	142·54	135·29	131·04	128·54	127·29	127·70	129·37	130·04	130·45	130·87
12	138·20	146·37	142·29	135·12	130·95	128·62	127·20	127·54	129·37	130·04	130·62	130·95
13	138·70	146·62	142·04	135·04	130·87	128·62	127·29	127·45	128·37	130·12	130·54	130·87
14	138·87	146·95	141·70	134·87	130·79	128·54	127·37	127·54	129·37	130·12	130·54	130·79
15	138·70	147·12	141·45	134·70	130·79	128·45	127·37	127·37	129·62	130·12	130·62	130·79
16	138·62	147·29	141·12	134·45	130·70	128·54	127·29	127·29	129·62	130·12	130·62	130·87
17	138·04	147·29	140·70	134·29	130·62	128·45	127·29	127·45	129·70	130·12	130·70	130·79
18	137·70	147·37	140·54	134·37	130·54	128·37	127·20	127·45	129·70	130·04	130·70	130·79
19	138·04	147·29	140·37	134·29	130·45	128·37	127·12	127·79	129·70	129·95	130·70	130·79
20	137·95	147·04	140·12	134·20	130·29	128·29	127·37	127·62	129·70	129·79	130·70	130·62
21	137·29	147·04	139·79	134·04	130·20	128·20	127·37	127·62	129·87	129·79	130·54	130·62
22	136·12	146·79	139·54	133·87	129·95	128·12	127·29	127·29	129·87	129·87	130·54	130·62
23	135·87	146·54	139·29	133·62	129·79	128·20	127·29	127·29	129·87	130·04	130·62	130·54
24	135·95	146·45	138·87	133·54	129·70	128·12	127·20	127·29	129·87	130·04	130 70	130 54
25	136 20	146·45	138·70	133·37	129·87	128·12	127·20	127·87	129·87	130·12	130·70	130·62
26	136·54	146·37	138·45	133·12	129·87	127·99	127·20	128·04	129·87	130·29	130·87	130·79
27	137·54	146·12	138·12	132·95	129·79	127·87	127·37	127·70	129·87	130·37	130·95	131·12
28	138·54	145·87	137·79	132·87	129·79	127·74	127·45	127·87	129·87	130·37	130·95	131·20
29	139·45	145·62	137·54	132·80	129·54	127·70	127·45	128·04	129·79	130·37	.....	131·37
30	140·12	145·37	137·37	132·62	129·37	127·87	127·45	128·12	129·95	130·37	.....	131·62
31	.....	145·29	.....	132·37	129·29	.....	127·45	.....	130·04	130·37	.....	131·54

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1909-10.

TABLE No. 253.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·87	140·95	148·54	137·54	137·12	132·29	132·29	131·54	132·12	131·87	131·79	130·54
2	132·37	141·29	148·04	137·37	136·95	132·20	132·20	131·54	132·29	131·79	131·70	130·54
3	132·79	142·12	147·62	137·12	136·79	132·12	132·12	131·54	132·29	131·79	131·60	130·54
4	133·20	142·12	147·12	136·87	136·37	132·12	132·12	131·54	132·29	131·79	131·60	130·70
5	133·95	142·20	146·62	136·70	136·04	132·12	132·20	131·54	132·20	131·79	131·45	131·04
6	135·12	141·54	145·87	136·45	135·79	132·12	132·29	131·54	132·20	131·79	131·12	131·62
7	136·87	141·37	145·45	136·20	135·37	132·29	132·37	131·45	132·20	131·70	131·29	132·37
8	138·95	141·20	145·04	136·12	135·04	132·20	132·37	131·45	132·20	131·54	131·29	133·37
9	139·54	141·20	144·37	135·87	134·87	132·20	132·29	131·54	132·04	131·45	131·20	133·54
10	138·87	141·45	143·87	135·62	134·62	132·20	132·12	131·54	132·04	131·45	131·12	133·29
11	137·95	142·37	143·12	135·37	134·37	132·29	132·04	131·54	132·04	131·45	131·12	133·04
12	137·37	143·54	142·87	135·20	134·12	132·29	131·95	131·54	132·04	131·37	131·12	132·87
13	137·29	144·29	142·29	134·95	134·04	132·29	131·87	131·54	132·04	131·37	131·12	132·70
14	137·95	145·12	141·95	134·79	133·87	132·29	131·79	131·54	132·62	131·29	131·04	132·54
15	139·04	145·29	141·37	134·54	133·70	132·37	131·70	131·54	133·20	131·37	130·87	132·29
16	139·04	145·87	141·12	134·37	133·95	132·37	131·62	131·54	133·12	131·37	130·87	132·04
17	139·20	146·29	140·70	134·20	133·87	132·45	131·45	131·54	133·12	131·37	130·79	131·87
18	139·45	146·54	140·37	134·12	133·62	132·45	131·37	131·54	132·95	131·37	130·79	131·70
19	139·87	147·04	140·12	134·37	133·45	132·45	131·45	131·54	132·95	131·29	130·79	131·62
20	140·37	147·54	139·70	134·29	133·37	132·45	131·45	131·54	132·95	131·20	130·79	131·87
21	140·45	148·04	139·70	134·12	133·37	132·54	131·54	131·62	132·87	131·29	130·70	132·29
22	140·45	148·54	139·62	134·12	133·20	132·54	131·54	131·87	132·79	131·54	130·70	132·62
23	140·29	148·62	139·45	133·95	133·12	132·54	131·45	132·04	132·70	131·95	130·70	132·87
24	140·20	148·87	139·37	134·29	133·20	132·45	131·45	132·12	132·62	132·12	130·70	133·20
25	140·37	149·04	139·12	134·37	132·95	132·37	131·45	132·20	132·62	132·12	130·70	133·37
26	140·70	149·12	138·87	134·62	132·95	132·37	131·54	132·20	132·54	132·12	130·54	133·70
27	140·70	149·12	138·70	135·37	132·79	132·29	131·54	132·20	132·45	132·04	130·45	134·04
28	140·79	149·20	138·45	136·12	132·62	132·29	131·62	132·12	132·45	132·04	130·45	134·29
29	140·79	149·20	138·12	136·70	132·54	132·29	131·54	132·12	132·37	131·95	.....	134·54
30	140·95	149·12	137·79	137·20	132·37	132·29	131·45	132·12	132·20	131·87	.....	134·70
31	.....	148·87	.....	137·29	132·37	.....	131·45	.....	132·04	131·87	.....	135·12

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1910–11.

TABLE No. 254.

1	135·79	140·29	136·54	133·79	130·04	130·45	129·29	131·45	131·87	130·62	129·70	129·04
2	136·29	140·29	136·62	133·62	130·12	130·62	129·12	131·37	131·79	130·62	129·70	128·95
3	136·62	140·20	136·62	133·45	130·12	130·70	129·20	131·37	131·79	130·62	129·70	128·95
4	137·12	140·20	136·87	133·37	130·20	130·62	129·37	131·45	131·79	130·54	129·70	128·87
5	137·37	140·12	137·12	133·29	130·20	130·79	129·45	131·45	131·79	130·54	129·70	128·79
6	137·54	139·95	137·37	133·20	130·12	130·95	129·62	131·45	131·87	130·45	129·62	128·70
7	137·87	139·87	137·45	133·04	130·04	130·87	130·37	131·45	131·95	130·45	129·62	128·70
8	138·29	139·37	137·62	132·79	130·20	130·70	130·70	131·54	131·95	130·45	129·62	128·62
9	138·54	139·20	137·62	132·54	130·12	130·62	130·70	131·70	131·87	130·45	129·62	128·62
10	138·79	138·87	137·62	132·45	130·12	130·62	130·87	131·79	131·79	130·37	129·62	128·62
11	139·04	138·62	137·62	132·37	130·20	130·45	131·12	131·87	131·70	130·37	129·62	128·62
12	139·12	138·37	137·54	132·20	130·12	130·45	131·29	131·79	131·70	130·29	129·62	128·62
13	138·95	138·29	137·37	132·12	130·12	130·37	131·54	131·70	131·54	130·20	129·62	128·62
14	138·87	138·04	137·20	132·04	130·12	130·37	131·70	131·79	131·54	130·12	129·62	128·62
15	138·70	137·88	137·04	131·95	130·12	130·29	131·79	131·87	131·45	130·12	129·62	128·70
16	138·62	137·79	136·87	131·79	130·20	130·20	131·54	131·79	131·37	130·12	129·62	128·70
17	138·45	137·54	136·70	131·62	130·20	130·20	131·54	131·79	131·29	130·04	129·54	128·70
18	138·29	137·37	136·54	131·54	130·12	129·95	131·70	131·70	131·20	129·95	129·54	128·70
19	138·12	137·20	136·29	131·37	130·20	129·87	131·54	131·70	131·20	129·87	129·54	128·70
20	138·12	137·04	136·12	131·20	130·20	129·87	131·54	131·70	131·20	129·79	129·54	128·70
21	138·20	136·79	135·87	131·12	130·12	129·70	131·45	131·70	131·12	129·79	129·54	128·79
22	138·37	136·79	135·70	131·04	130·20	129·62	131·37	131·70	130·95	129·79	129·54	128·95
23	138·62	136·70	135·54	130·95	130·20	129·62	131·37	131·70	130·87	129·87	129·54	129·20
24	138·79	136·54	135·37	130 95	130 29	129·54	131·29	131·79	130·79	129·87	129·37	129·20
25	139·20	136·45	135·20	130·87	130·29	129·37	131·37	131·87	130·79	129·87	129·20	129·20
26	139·62	136·45	134·87	130·62	130·20	129·45	131·29	132·04	130·79	129·87	129·12	129·20
27	139·87	136·37	134·62	130·54	130·29	129·45	131·37	132·04	130·87	129·79	129·04	129·20
28	140·12	136·29	134·45	130·45	130·04	129·37	131·45	132·12	130·79	129·79	129·04	129·45
29	140·29	136·29	134·20	130·37	130·20	129·37	131·45	132·04	130·79	129·79	.....	129·70
30	140·37	136·37	134·04	130·29	130·37	129·29	131·37	131·95	130·79	129·79	.....	129·87
31	.....	136·45	.....	130·12	130·29	.....	131·45	.....	130·70	129·79	.....	130·04

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1911–12.

TABLE No. 255.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130·20	138·37	140·29	135·54	130·45	129·45	128·29	128·45	130·79	133·37	131·29	130·29
2	130·20	138·95	140·12	135·54	130·45	129·45	128·29	128·37	130·87	133·37	131·20	130·37
3	130·20	139·62	139·87	135·54	130·45	129·37	128·29	128·37	131·04	133·20	131·10	130·37
4	130·29	140·37	139·79	135·29	130·37	129·29	128·37	128·37	131·20	132·87	131·04	130·37
5	130·29	141·29	139·79	135·12	130·37	129·29	128·29	128·37	131·37	132·79	130·87	130·37
6	130·37	141·79	139·79	134·79	130·37	129·29	128·29	128·45	131·37	132·62	130·87	130·37
7	130·79	141·95	139·62	134·45	130·29	129·29	128·20	128·62	131·29	132·54	130·87	130·37
8	131·70	142·37	139·37	134·29	130·29	129·37	128·04	128·70	131·29	132·37	130·79	130·45
9	132·79	142·70	139·12	134·04	130·54	129·20	128·04	128·87	131·12	132·37	130·79	130·45
0	134·12	143·04	138·87	133·79	130·70	129·04	128·12	129·04	131·04	132·20	130·70	130·45
11	135·12	143·04	138·62	133·45	130·95	128·95	128·20	129·12	130·87	132·12	130·62	130·54
12	135·45	142·79	138·37	133·20	130·95	128·87	128·20	129·12	130·79	131·95	130·54	130·54
13	135·87	142·37	138·54	132·95	130·87	128·87	128·12	129·20	130·95	131·87	130·54	130·54
14	136·20	142·20	138·70	132·62	130·95	128·79	128·12	129·45	131·20	131·87	130·45	130·54
15	136·45	142·04	138·70	132·45	131·04	128·95	127·95	129·70	131·29	131·87	130·37	130·54
16	136·37	141·87	138·62	132·20	130·70	128·87	127·95	129·79	131·20	131·87	130·29	130·54
17	136·12	141·62	138·45	132·12	130·62	128·70	128·12	129·87	131·20	131·79	130·29	130·54
18	135·70	141·20	138·37	132·12	130·79	128·70	128·20	130·04	131·12	131·70	130·29	130·62
19	135·29	140·95	138·12	132·04	130·62	128·70	128·20	129·79	131·29	131·70	130·37	130·62
20	134·95	140·62	137·87	131·87	130·37	128·62	128·20	130·04	131·29	131·70	130·29	130·62
21	134·79	140·29	137·62	131·70	130·37	128·70	128·12	130·12	132·87	131·70	130·29	130·62
22	135·20	140·04	137·20	131·62	130·20	128·62	128·12	130·20	132·70	131·70	130·29	130·62
23	135·20	140·20	137·04	131·37	130·12	128·54	128·12	130·29	132·70	131·70	130·29	130·62
24	134·37	140·62	136·70	131·29	130·12	128·54	128·12	130·37	132·54	131·70	130·29	130·62
25	135·37	140·70	136·54	131·20	130·12	128·62	128·20	130·37	132·45	131·70	130·29	130·62
26	135·54	140·70	136·37	131·04	130·04	128·45	128·29	130·62	132·37	131·70	130·29	130·54
27	135·87	140·79	136·20	130·95	130·04	128·45	128·29	130·70	132·54	131·70	130·29	130·54
28	136·37	140·79	135·95	130·79	129·87	128·37	128·29	130·79	132·79	131·54	130·29	130·45
29	136·87	140·79	135·87	130·70	129·79	128·37	127·95	130·70	132·87	131·37	130·29	130·45
30	137·54	140·62	135·70	130·45	129·79	128·37	128·20	130·79	132·79	131·37	.....	130·49
31	.....	140·45	.....	130·45	129·79	.....	128·45	.....	133·20	131·37	.....	130·45

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1912–13.

TABLE No. 256.

1	130·45	139·37	144·12	136·87	132·20	131·04	130·54	133·79	133·54	133·45	133·87	132·95
2	130·54	139·29	143·87	136·62	132·04	130·95	130·54	133·87	133·54	133·29	133·79	132·45
3	130·54	139·29	143·70	136·37	131·87	130·95	130·45	133·79	133·79	133·37	133·79	132·37
4	130·45	139·20	143·54	136·12	131·87	130·87	130·37	133·79	134·12	133·62	133·70	132·70
5	130·45	139·12	143·29	135·87	131·87	130·87	130·37	133·87	134·54	133·87	133·45	132·70
6	130·45	139·20	142·95	135·62	131·79	130·79	130·37	133·79	134·45	134·04	133·37	132·70
7	131·04	139·20	142·54	135·37	131·62	130·87	130·37	134·37	134·62	133·87	133·29	132·79
8	133·29	139·20	142·37	135·29	131·54	130·70	130·37	135·70	134·95	133·70	133·12	132·79
9	135·37	139·29	142·12	135·04	131·45	130·95	130·29	136·29	135·37	133·54	133·04	132·70
10	135·62	139·29	141·95	134·79	131·70	130·95	130·29	136·37	135·70	133·37	132·87	132·70
11	135·95	139·37	141·70	134·70	131·70	130·95	130·37	136·45	135·62	133·20	132·79	132·62
12	136·37	139·37	141·37	134·54	131·70	130·87	130·54	136·37	135·54	133·12	132·79	132·54
13	136·95	139·87	141·04	134·37	131·87	130·87	130·29	136·54	135·37	133·12	132·79	132·54
14	137·04	140·04	140·70	134·37	131·95	130·87	130·29	136·54	135·37	133·12	132·79	132·45
15	137·12	140·20	140·54	134·29	131·95	130·79	130·29	136·54	135·12	133·12	132·79	132·79
16	137·45	140·45	140·20	134·20	131·87	130·87	130·29	136·62	134·87	133·20	132·79	133·70
17	137·62	140·79	140·04	134·12	131·87	130·79	130·37	136·12	134·79	133·45	132·87	134·87
18	137·62	141·45	139·87	133·95	131·62	130·79	130·37	135·79	134·95	133·87	132·87	135·04
19	137·79	141·79	139·70	133·95	131·62	130·70	130·37	135·54	134·79	134·12	132·87	134·70
20	137·95	141·95	139·62	133·79	131·62	130·70	130·54	135·37	134·54	134·29	132·87	135·70
21	138·04	142·04	139·62	133·70	131·45	130·70	130·87	134·87	134·54	134·45	132·79	137·37
22	138·20	141·95	139·54	133·62	131·29	130·62	130·95	134·62	134·37	134·45	132·79	139·54
23	138·95	141·87	139·37	133·45	131·04	130·62	131·37	134·54	134·12	134·37	132·70	139·79
24	139·37	141·70	139·20	133·37	130·79	130·79	131·70	134·62	134·12	134·37	132·70	139·87
25	139·54	142·20	138·87	133·20	130·95	130·79	132·45	134·54	134·04	134·37	132·70	140·37
26	139·62	142·45	138·70	132·95	131·20	130·79	132·87	134·37	133·95	134·29	132·62	141·70
27	139·37	142·70	138·37	132·70	131·12	130·70	133·29	134·12	133·87	134·20	132·54	141·37
28	139·37	142·87	138·04	132·62	130·95	130·62	133·45	133·95	133·70	131·04	132·54	141·12
29	139·45	143·12	137·62	132·54	131·04	130·54	133·79	133·79	133·62	133·95	.....	140·87
30	139·37	143·54	137·20	132·45	131·04	130·54	133·87	133·70	133·54	133·95	.....	140·70
31	.....	144·04	.....	132·45	130·95	.....	133·79	.....	133·54	133·95	.....	140·62

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1913–14.

TABLE No. 257.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	142·37	141·37	137·79	131·62	130·70	129·37	129·54	132·54	134·54	133·45	131·62	131·37
2	142·62	141·87	137·54	131·54	130·54	129·45	129·62	132·45	134·54	133·29	131·62	131·45
3	142·37	142·62	137·37	131·45	130·37	129·54	129·54	132·45	134·45	133·37	131·70	131·45
4	142·20	142·87	137·12	131·29	130·37	129·62	129·54	132·37	134·45	133·29	131·62	131·37
5	142·45	143·37	136·87	131·29	130·29	129·62	129·37	132·29	134·45	133·12	131·54	131·20
6	142·45	143·62	136·62	131·29	130·29	129·54	129·37	132·12	134·45	132·95	131·62	131·12
7	142·37	143·54	136·45	131·29	130·20	129·54	129·37	132·04	134·54	132·79	131·62	131·04
8	142·12	143·37	136·29	131·62	130·12	129·45	129·29	132·04	134·70	132·70	131·54	131·04
9	141·45	143·12	136·12	131·54	130·04	129·45	129·29	132·54	134·37	132·54	131·62	130·95
10	140·62	142·79	135·87	131·45	129·95	129·37	129·20	132·29	134·37	132·45	131·54	131·04
11	140·12	142·54	135·62	131·29	129·87	129·12	129·12	132·45	134·20	132·37	131·54	130·95
12	139·95	142·20	135·87	131·29	129·79	129·20	128·87	132·45	133·95	132·29	131·54	130·95
13	139·87	142·04	135·79	131·29	129·70	129·12	129·04	132·70	133·79	132·20	131·54	130·87
14	139·79	141·54	135·62	131·29	129·70	128·87	129·04	132·95	133·70	132·12	131·45	130·95
15	139·54	141·12	135·37	131·12	129·70	129·04	129·04	133·29	133·54	131·87	131·45	130·95
16	139·54	140·79	135·37	131·20	129·62	129·04	129·12	133·45	133·54	131·95	131·45	130·95
17	139·54	140·62	135·29	131·20	129·54	128·95	129·29	133·62	133·62	131·87	131·45	131·04
18	139·54	140·29	134·95	131·37	129·62	128·95	129·45	133·62	133·54	131·87	131·54	131·04
19	139·54	139·95	134·79	131·29	129·62	128·95	129·20	133·62	133·70	131·87	131·54	131·12
20	139·70	139·62	134 62	131·20	129·54	128·95	129·70	133·95	133·95	131·87	131·45	131·29
21	139·87	139·20	134·54	131·37	129·45	129·04	130·04	133·95	133·79	131·79	131·45	131·54
22	139·95	138·62	134·45	131·37	129·37	129·20	130·54	134·04	133·45	131·79	131·45	131·54
23	139·87	138·62	134·37	131·29	129·29	129·37	130·87	133·95	133·29	131·79	131·45	131·54
24	139·79	138·62	134·29	131·29	129·20	129·37	130·79	133·95	133·54	131·70	131·45	131·54
25	139·70	138·54	133·95	131·12	129·37	129·37	131·54	133·87	133·45	131·70	131·37	131·54
26	139·70	138·37	133·87	130·95	129·37	129·37	131·87	133·95	133·20	131·62	131·37	131 62
27	139·87	138·37	133·62	130·95	129·45	129·37	132·04	133·95	133·20	131·62	131·45	132·37
28	140·12	138·45	133·37	130·95	129·45	129·20	132·54	134·54	133·12	131·79	131·45	133·62
29	140·54	138·54	131·95	130·95	129·37	129·37	132·54	134·62	133·12	131·54	.....	134·04
30	140·87	138·29	131·79	130·87	129·37	129·62	132·54	134·62	133·37	131 62	.....	134 37
31	.....	138·12	.....	130·79	129·37	.....	132·54	.....	133·62	131·62	.....	134·54

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1914–15.

TABLE No. 258.

1	134·62	136·62	134·16	133·08	129·83	128·12	127·45	127·70	129·04	128·87	129·12	129·87
2	134·87	136·70	134·04	133·12	129·70	128·04	127·37	127·62	129·04	128·79	129·04	129·79
3	134·95	136·87	133·91	133·12	129·62	127·87	127·37	127·87	129·45	128·79	129·04	129·70
4	134·95	137·20	153·87	133·04	129·54	127·99	127·29	128·20	129·79	128·79	129·04	129·62
5	134·79	137·37	133·70	132·87	129·45	127·99	127·20	127·87	129·87	128·79	129·04	129·37
6	134·54	137·54	133·54	132·95	129·37	128·04	127·37	127·95	129·87	128·79	129·04	129·29
7	134·04	137·45	133·54	132·87	129·20	128·12	127·20	128·04	129·87	129·04	129·04	129·20
8	133·70	137·72	133·45	132·70	129·12	128·12	127·16	127·95	129·79	129·29	129·04	129·12
9	133·29	137·79	133·54	132·62	129·04	128·12	127·16	127·87	129·79	129·54	129·04	129·16
10	132·70	137·87	133·37	132·41	129·04	128·04	127·20	128 04	129·79	129·54	129·04	129·12
11	132·54	137·95	133·29	132·37	128·87	128·12	126·95	128·29	129·79	129·54	129·04	129·04
12	132·54	137·95	133·12	132·04	128·79	128·04	126·95	128·04	129·70	129·45	129·04	129·04
13	132·62	137·87	133·12	131·99	128·70	128·04	127·45	128·79	129·70	129·45	129·04	128·95
14	132·37	137·87	133·12	131·95	128·79	128·04	127·54	128·04	129·70	129·45	129·04	128·95
15	132·20	137·70	132·79	131·87	128·79	128·04	127·45	128·04	129·62	129·37	129·12	128·87
16	131·95	137·54	132·70	131·87	128·70	128·04	127·62	128·04	129·62	129·37	129·12	128·87
17	131·79	137·37	132·49	131·58	128·62	127·95	127·70	128·70	129·54	129·29	129·12	128·87
18	132·12	137·29	132·29	131·54	128·58	127·95	127·54	128·70	129·45	129·29	129·12	128·87
19	132·54	137·04	132·45	131·24	128·62	127·95	127·62	128·70	129·45	129·45	129·12	128·87
20	132·87	136·79	132·62	131·12	128·58	127·87	127·79	128·87	129·45	129·49	129·08	128·83
21	133·37	136·70	132·79	131·08	128·45	127·79	127·79	128·87	129·45	129·45	129·08	128·83
22	133·45	136·54	133·12	130·79	128·33	127·79	127·79	128·87	129·37	129·37	129·08	128·79
23	133·62	136·62	133·20	130·79	128·33	127·79	127·79	128·87	129·37	129·37	129·12	129·12
24	133·95	135·37	133·12	130·79	128·33	127·79	127·79	129·20	129·29	129·37	129·20	129·62
25	134·45	135·29	133·37	130 66	128·20	127·79	127·79	129·20	129·20	129·29	129·62	129·79
26	134·79	135·04	133·20	130·58	128·24	127·70	127·79	129·12	129·12	129·29	130·12	130·04
27	135·37	135·04	133·20	130·49	128·12	127·62	127·75	129·12	129·04	129·29	130·08	129·79
28	135·62	134·87	133·12	130·41	128·12	127·58	127·62	129·12	128·95	129·20	129·95	129·62
29	135·95	134·74	133·37	130·37	127·95	127·58	127·62	129·04	128·87	129·20	.....	129·54
30	136·37	134·54	133·29	130·20	127·79	127·51	127·70	128·95	128·87	129·20	.....	129·54
31	.....	134·29	.....	129·95	127·95	.....	127·70	.....	128·87	129·12	.....	129·45

GAUGE HEIGHT in feet of Rideau River at Black Rapids Lower Sill, for 1912–13.

TABLE No. 259.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	7·17	9·17	7·58	7·33	7·67	7·75	7·50	6·92	2·58	6·92	3·50
2	.....	7·08	8·17	7·67	7·42	7·67	7·75	7·58	7·08	2·83	6·50	3·50
3	.....	6·58	8·25	7·33	7·50	7·75	7·67	7·42	7·50	3·25	6·83	3·50
4	.....	6·92	8·25	7·00	7·92	7·75	7·67	7·58	7·92	3·92	6·58	3·50
5	.....	7·17	8·08	7·25	8·00	7·75	7·58	7·50	8·17	3·92	6·50	3·50
6	.....	7·75	8·00	7·67	8·00	7·92	7·67	7·50	7·83	3·92	6·50	3·50
7	9·75	7·75	7·50	7·50	7·92	7·92	7·75	8·42	8·00	3·67	6·50	3·50
8	11·67	7·33	7·50	7·58	7·83	7·83	7·75	10·08	8·17	3·50	5·00	3·50
9	11·50	8·08	7·00	7·50	7·83	7·83	7·67	10·00	8·00	3·42	4·50	3·50
10	11·17	8·00	7·50	7·58	7·92	7·50	7·50	9·17	7·42	3·33	4·00	3·50
11	11·08	7·92	7·75	7·83	8·00	7·42	7·50	9·17	7·33	3·25	4·09	3·50
12	10·67	7·50	8·00	7·25	8·25	7·42	7·50	8·17	6·92	3·33	4·00	3·58
13	10·00	7·42	8·00	7·25	8·00	7·42	7·50	8·17	6·25	3·33	4·00	3·67
14	9·00	7·42	8·17	7·17	7·50	7·42	7·58	8·33	5·92	3·33	3·83	4·00
15	9·00	7·50	7·50	7·17	7·33	7·42	7·58	8·33	5·83	3·33	3·58	7·00
16	9·16	7·50	7·67	7·17	7·75	7·42	7·50	8·42	5·42	3·50	3·58	8·00
17	9·00	7·58	7·50	7·17	7·75	7·42	7·58	8·50	5·08	3·50	3·58	8·00
18	8·58	8·17	7·33	7·17	7·75	7·42	7·58	8·50	5·00	7·50	3·50	7·00
19	8·00	8·00	8·00	7·42	7·75	7·50	7·58	8·33	5·00	7·50	3·50	9·00
20	7·50	7·92	7·92	7·42	7·75	7·50	7·50	7·67	4·75	7·50	3·50	12·25
21	6·50	8·42	7·50	7·42	7·67	7·50	7·50	7·67	4·00	7·50	3·50	13·00
22	6·50	8·17	7·42	7·50	7·67	7·50	7·50	7·67	3·92	7·58	3·50	13·00
23	6·58	7·92	7·42	7·50	7·58	7·50	7·58	7·58	3·83	7·58	3·50	12·83
24	6·50	8·17	7·75	7·50	7·58	7·58	8·00	7·50	3·50	7·58	3·50	12·67
25	6·42	8·33	7·50	7·50	7·58	7·83	8·08	7·58	3·25	7·50	3·50	12·75
26	6·00	7·33	7·33	7·50	7·58	7·83	8·25	7·58	3·25	7·50	3·50	10·83
27	7·42	7·25	7·33	6·92	7·67	7·83	8·00	7·67	3·25	7·50	3·50	9·00
28	7·25	7·50	7·25	7·00	7·75	7·83	7·83	7·42	3·17	7·50	3·50	8·92
29	7·17	8·33	7·75	7·00	7·67	7·58	7·50	7·50	2·50	7·42	.....	8·50
30	7·33	8·50	7·50	7·17	7·67	7·67	7·58	7·50	2·50	7·33	.....	8·25
31	.....	9·25	.....	7·25	7·58	.....	7·50	.....	2·50	7·17	.....	8·92

GAUGE HEIGHT in feet of Rideau River at Black Rapids Lower Sill, for 1913–14.

TABLE No. 260.

1	11·25	8·25	7·92	6·58	7·75	7·92	7·67	7·50	4·42	3·00	2·00	2·50
2	10·75	8·25	8·08	6·58	7·67	7·92	7·67	7·50	3·58	3·00	2·00	2·50
3	10·25	8·25	7·75	6·58	7·42	7·67	7·67	7·50	3·33	3·00	2·00	2·50
4	10·00	8·25	7·17	6·58	7·42	7·58	7·67	7·58	2·75	3·00	2·50	2·50
5	11·00	8·33	7·25	6·58	7·17	7·58	7·67	7·58	2·83	3·00	2·50	2·50
6	11·00	8·08	7·00	6·58	7·33	7·58	7·67	7·58	2·92	3·00	2·50	2·50
7	10·25	8·00	6·83	6·58	7·25	7·67	7·67	7·58	3·17	3·00	2·50	2·50
8	10·00	7·83	6·92	6·58	7·58	7·67	7·67	7·58	3·17	3·00	2·50	2·50
9	9·83	7·83	7·17	6·58	7·58	7·58	7·58	7·75	3·00	3·00	2·50	2·50
10	9·50	7·83	7·00	6·58	7·58	7·58	7·67	8·75	3·00	3·00	2·50	2·50
11	9·75	7·83	7·08	6·58	7·50	7·42	7·67	8·75	3·00	2·50	2·50	2·50
12	8·25	7·83	7·83	6·58	7·25	7·50	7·58	8·75	3·00	2·00	2·50	2·50
13	8·25	7·83	6·75	6·58	7·08	7·67	7·58	8·58	3·00	2·00	2·50	2·50
14	8·00	7·67	6·58	6·58	7·58	7·67	7·58	8·17	3·00	2·00	2·50	2·50
15	8·00	7·67	6·67	6·58	7·75	7·67	7·58	8·17	3·00	2·00	2·50	2·50
16	7·58	7·58	6·67	6·58	7·83	7·67	7·58	8·17	3·00	2·00	2·50	2·50
17	6·50	7·50	6·83	6·50	7·75	7·67	7·58	8·17	3·00	2·00	2·50	2·50
18	6·50	7·58	6·83	6·50	7·67	7·67	7·58	8·17	3·00	2·00	2·50	2·50
19	6·00	7·58	6·83	6·50	7·50	7·75	7·58	8·42	3·25	2·00	2·50	2·50
20	6·00	7·50	6·75	6·50	7·58	7·75	7·75	8·42	3·00	2·00	2·50	3·00
21	6·00	7·50	6·75	6·50	7·58	7·67	7·75	8·25	3·00	2·00	2·50	3·00
22	4·42	7·67	6·83	6·50	7·83	7·75	7·75	8·25	3·00	2·00	2·50	3·00
23	4·42	7·83	6·83	6·50	7·83	7·67	7·75	8·25	3·00	2·00	2·50	3·00
24	4·58	7·92	6·83	6·58	7·92	7·67	7·75	8·25	3·00	2·00	2·50	3·00
25	4·67	8·00	6·75	6·58	7·92	7·67	7·67	7·58	3·00	2·00	2·50	6·00
26	4·83	8·00	6·75	6·58	7·92	7·67	7·67	7·58	3·00	2·00	2·50	7·17
27	4·42	8·00	6·75	6·58	8·00	7·67	7·67	7·67	3·00	2·00	2·50	9·00
28	4·00	8·25	6·67	6·58	7·83	7·67	7·75	7·67	3·00	2·00	2·50	10·00
29	4·00	8·92	6·58	6·58	8·00	7·58	7·75	7·17	3·00	2·00	.....	10·17
30	5·83	9·00	6·58	6·58	7·83	7·58	7·75	6·33	3·00	2·00	.....	10·67
31	.....	8·92	.....	6·58	8·00	.....	7·50	.....	3·00	2·00	.....	10·00

SESSIONAL PAPER No. 19a

Gauge Height in feet of Rideau River at Black Rapids Lower Sill, for 1914–15.

TABLE No. 261.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	10·00	8·33	7·83	8·00	7·50	8·00	8·00	7·58	5·58	1·50	2·50	3·50
2	10·00	8·00	8·00	8·00	7·58	7·67	8·00	7·58	5·42	1·50	2·50	3·50
3	9·50	7·83	8·00	8·00	7·58	7·75	7·92	7·50	4·33	1·50	2·50	3·50
4	9·00	7·67	8·00	8·00	7·58	8·00	7·92	7·50	4·00	1·50	2·50	3·50
5	8·00	7·50	8·00	8·00	7·58	8·00	7·92	7·50	4·00	1·50	2·50	3·50
6	7·50	7·33	8·00	8·00	7·67	8·00	7·92	7·50	3·83	1·50	2·50	3·50
7	7·17	7·33	8·00	8·00	7·67	8·00	7·75	8·00	3·67	1·67	2·50	3·50
8	7·00	7·33	8·00	8·00	7·67	7·92	7·67	8·00	3·50	1·67	2·50	3·50
9	6·50	7·33	8·00	8·00	7·67	7·83	7·67	8·00	3·50	1·67	2·50	3·50
10	5·17	7·33	8·00	8·00	7·67	7·75	7·58	7·67	3·50	1·67	2·50	3·00
11	5·83	7·50	8·00	8·00	7·67	7·67	7·58	7·75	3·50	1·67	2·50	3·00
12	5·17	7·50	7·83	7·92	7·67	7·92	7·58	7·75	1·75	1·67	2·50	3·00
13	5·17	7·50	8·00	7·92	7·50	8·00	7·58	7·67	1·75	1·67	2·50	3·00
14	6·00	7·33	8·00	7·75	7·58	7·83	7·42	7·67	1·75	1·67	2·50	3·00
15	7·00	7·33	8·00	7·75	7·58	7·67	7·42	7·67	1·75	1·67	2·50	3·00
16	7·00	7·33	8·00	7·67	7·67	7·67	7·42	7·67	1·75	1·67	2·50	3·00
17	6·92	7·33	8·00	7·75	7·58	7·67	8·00	7·75	1·75	1·67	2·83	3·00
18	7·00	7·42	7·92	7·75	7·58	7·67	8·00	7·75	1·75	1·67	2·83	3·00
19	7·33	7·50	7·92	7·75	7·58	7·67	7·75	7·92	1·75	1·67	2·83	2·83
20	7·50	7·50	8·00	7·75	7·58	8·08	7·75	7·58	1·75	1·67	2·83	2·83
21	7·67	7·50	8·00	7·67	7·33	7·67	7·67	7·58	1·75	1·67	2·83	2·92
22	7·67	7·50	8·00	7·67	7·33	7·58	7·67	7·58	1·50	1·67	2·83	3·00
23	7·00	7·50	8·00	7·67	7·58	7·58	7·58	7·58	1·50	1·67	2·83	3·33
24	7·00	6·83	8·00	7·58	7·58	7·67	7·58	7·42	1·50	1·67	3·00	4·00
25	7·00	6·83	8·00	7·58	7·33	7·58	8·00	7·17	1·50	1·67	4·00	4·83
26	8·25	6·67	8·00	7·58	7·33	7·75	7·75	6·33	1·50	1·83	4·83	5·00
27	8·25	6·67	8·00	7·58	7·33	8·00	7·75	6·33	1·50	2·50	4·50	4·83
28	8·33	6·67	8·17	7·58	7·33	8·00	7·58	6·92	1·50	2·50	3·50	4·50
29	8·33	6·83	8·17	7·58	7·50	8·00	7·58	6·67	1·50	2·50	.....	4·00
30	8·50	7·58	8·17	7·58	7·50	8·00	7·58	5·83	1·50	2·50	.....	3·83
31	.....	7·75	.....	7·58	7·50	.....	7·58	.....	1·50	2·50	.....	3·83

Elevations above M.S.L. of Rideau River at Hurdman's Bridge, for 1914–15.

TABLE No. 262.

1	185·81	184·39	181·81	181·89	181·73	181·73	181·73	181·73	182·06	182·06	182·81	183·48
2	185·89	184·31	181·81	181·89	181·81	181·89	181·73	181·81	182·64	182·31	182·81	183·31
3	186·39	183·73	181·81	181·89	181·81	181·89	181·73	181·73	182·81	182·31	182·81	182·98
4	185·89	183·64	181·81	181·89	181·81	181·89	181·73	181·73	182·64	182·31	182·81	182·89
5	185·31	183·56	181·73	181·89	181·81	181·89	181·73	181·73	182·56	182·31	182·81	182·73
6	185·31	183·48	181·73	181·98	181·81	181·98	181·73	181·64	182·39	182·31	182·81	182·73
7	184·89	183·31	181·73	181·98	181·81	181·98	181·73	181·48	182·31	182·39	182·73	182·64
8	184·64	182·89	181·73	181·89	181·73	181·81	181·73	181·73	182·06	182·39	182·73	182·64
9	184·39	182·39	181·64	181·89	181·73	181·81	181·73	181·73	181·98	182·48	182·73	182·64
10	185·31	182·56	181·73	181·89	181·73	181·89	181·73	181·73	181·89	182·56	182·73	182·56
11	184·56	182·56	181·73	181·89	181·73	181·89	181·73	181·73	.....	182·56	182·73	182·56
12	183·73	182·73	181·73	181·89	181·64	181·89	181·73	181·73	181·81	182·48	182·73	182·48
13	183·39	182·64	181·73	181·89	181·64	181·73	181·73	181·73	181·73	182·39	182·64	182·48
14	183·06	182·64	181·73	181·89	181·64	181·64	181·73	181·73	181·73	182·39	182·64	182·48
15	183·73	182·39	181·73	181·81	181·64	181·56	.....	181·73	181·73	182·39	182·81	182·48
16	183·89	182·06	181·73	181·81	181·64	181·73	.....	181·81	181·81	182·39	182·81	182·56
17	183·89	.....	181·73	181·73	181·64	181·73	181·81	181·89	181·81	182·39	182·89	182·56
18	183·98	182·06	181·73	181·73	181·64	181·73	181·81	181·98	181·81	182·39	182·81	182·56
19	184·06	182·31	181·73	181·81	181·64	181·64	181·81	182·06	181·89	182·39	182·89	182·64
20	184·31	182·31	181·73	181·81	181·56	181·64	181·81	182·56	181·89	182·39	182·89	182·64
21	184·39	182·06	181·73	181·81	181·56	181·73	181·81	182·39	181·89	182·48	182·81	182·64
22	183·98	182·06	181·73	181·81	181·64	181·73	181·81	181·89	181·89	182·48	182·73	182·64
23	183·64	181·98	181·73	181·81	181·48	181·81	181·81	.....	181·89	182·48	182·73	183·48
24	183·56	181·89	181·73	181·81	181·56	181·73	181·81	182·06	181·89	182·56	182·73	183·73
25	184·06	181·89	181·81	181·81	181·64	181·73	181·73	181·89	181·89	182·56	183·06	184·06
26	183·98	181·89	181·81	181·81	181·81	181·81	181·81	181·89	181·98	182·64	184·06	184·56
27	184·31	181·81	181·81	181·81	181·73	181·81	181·73	181·89	182·06	182·73	183·81	184·56
28	184·31	181·89	181·81	181·81	181·73	181·81	181·73	181·89	182·06	182·73	183·64	183·56
29	184·06	181·89	181·89	181·73	181·73	181·73	181·81	181·98	182·06	182·73	.....	183·48
30	184·39	181·89	181·89	181·73	181·73	181·73	181·81	181·98	182·06	182·81	.....	183·73
31	.....	181·81	.....	181·73	181·73	.....	181·73	.....	182·06	182·81	.....	183·31

Elevations above M.S.L. of Gatineau River at Bark Lake, for 1912–13.

TABLE No. 263.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	1186·03	1185·57	1184·63	1183·81	1183·51	1183·73	1184·02	1184·20	1184·13	1183·86
2	.....	.....	.....	1185·48	1184·61	1183·78	1183·44	1183·78	1184·02	1184·20	1184·13	1183·84
3	.....	.....	1186·03	1185·41	1184·59	1183·83	1183·43	1183·79	1184·03	1184·20	1184·12	1183·82
4	.....	.....	1186·03	1185·35	1184·57	1183·78	1183·44	1183·74	1184·03	1184·20	1184·10	1183·80
5	.....	.....	1186·04	1185·28	1184·57	1183·75	1183·43	1183·77	1184·03	1184·21	1184·08	1183·78
6	.....	.....	1186·08	1185·23	1184·56	1183·73	1183·42	1183·82	1184·03	1184·22	1184·06	1183·77
7	.....	.....	1186·12	1185·18	1184·47	1183·75	1183·44	1183·88	1184·03	1184·22	1184·05	1183·75
8	.....	.....	1186·14	1185·11	1184·38	1183·76	1183·40	1183·93	1184·05	1184·22	1184·05	1183·73
9	.....	.....	1186·14	1185·10	1184·33	1183·73	1183·38	1183·95	1184·05	1184·22	1184·05	1183·72
10	.....	.....	1186·12	1185·11	1184·28	1183·71	1183·40	1183·93	1184·05	1184·22	1184·05	1183·70
11	.....	.....	1186·11	1185·13	1184·28	1183·78	1183·37	1183·91	1184·07	1184·21	1184·03	1183·69
12	.....	.....	1186·09	1185·11	1184·28	1183·76	1183·35	1183·93	1184·09	1184·21	1184·02	1183·69
13	.....	.....	1186·05	1185·03	1184·23	1183·70	1183·38	1183·98	1184·09	1184·17	1184·01	1183·70
14	.....	.....	1185·93	1185·03	1184·23	1183·68	1183·40	1183·99	1184·11	1184·15	1184·01	1183·71
15	.....	.....	1185·87	1185·03	1184·23	1183·68	1183·43	1184·02	1184·15	1184·14	1184·00	1183·71
16	.....	.....	1185·89	1185·03	1184·18	1183·68	1183·43	1184·01	1184·17	1184·14	1183·99	1183·74
17	.....	.....	1186·07	1185·23	1184·18	1183·63	1183·40	1184·02	1184·21	1184·14	1183·98	1183·76
18	.....	.....	1186·08	1185·22	1184·01	1183·58	1183·35	1184·02	1184·21	1184·14	1183·97	1183·77
19	.....	.....	1186·07	1185·20	1184·01	1183·55	1183·41	1184·01	1184·21	1184·14	1183·96	1183·78
20	.....	.....	1186·05	1185·20	1183·98	1183·56	1183·41	1184·01	1184·22	1184·14	1183·95	1183·79
21	.....	.....	1186·04	1185·01	1183·96	1183·53	1183·35	1183·99	1184·22	1184·15	1183·94	1183·82
22	.....	1185·82	1186·03	1184·99	1183·96	1183·51	1183·32	1184·00	1184·21	1184·15	1183·93	1183·84
23	.....	1185·86	1186·00	1184·99	1183·96	1183·55	1183·45	1184·02	1184·20	1184·15	1183·92	1183·87
24	.....	1185·86	1185·95	1184·98	1183·94	1183·54	1183·55	1184·02	1184·20	1184·15	1183·91	1183·89
25	.....	1185·90	1185·88	1184·98	1183·95	1183·51	1183·58	1184·03	1184·20	1184·15	1183·90	1183·92
26	.....	.....	1185·90	1184·96	1183·83	1183·50	1183·61	1184·02	1184·20	1184·15	1183·89	1183·95
27	.....	1186·03	1185·85	1184·95	1183·98	1183·54	1183·63	1184·05	1184·20	1184·15	1183·89	1183·97
28	.....	1186·03	1185·81	1184·93	1183·98	1183·54	1183·63	1184·02	1184·20	1184·15	1183·88	1183·99
29	.....	1186·03	1185·79	1184·83	1183·98	1183·53	1183·59	1184·02	1184·20	1184·14	.....	1184·00
30	.....	1186·11	1185·69	1184·78	1183·98	1183·49	1183·66	1184·02	1184·20	1184·13	.....	1184·01
31	.....	1186·11	.....	1184·68	1183·85	.....	1183·69	.....	1184·20	1184·13	.....	1184·02

Elevations above M.S.L. of Gatineau River at Bark Lake, for 1913–14.

TABLE No. 264.

1	1184·04	1186·05	1186·20	1184·88	1183·63	1183·53	1183·33	1183·83	1184·73	1184·79	1184·66	1184·47
2	1184·07	1186·11	1186·24	1184·83	1183·68	1183·53	1183·33	1183·83	1184·74	1184·78	1184·65	1184·47
3	1184·11	1186·18	1186·23	1184·78	1183·68	1183·53	1183·28	1183·84	1184·75	1184·76	1184·65	1184·46
4	1184·15	1186·22	1186·24	1184·73	1183·68	1183·33	1183·28	1183·83	1184·78	1184·76	1184·65	1184·46
5	1184·18	1186·26	1186·23	1184·63	1183·58	1183·33	1183·28	1183·84	1184·78	1184·76	1184·64	1184·46
6	1184·21	1186·31	1186·21	1184·58	1183·53	1183·33	1183·23	1183·83	1184·76	1184·76	1184·64	1184·46
7	1184·23	1186·38	1186·19	1184·53	1183·43	1183·23	1183·23	1183·83	1184·76	1184·75	1184·64	1184·46
8	1184·26	1186·33	1186·15	1184·48	1183·43	1183·03	1183·28	1183·81	1184·76	1184·75	1184·63	1184·46
9	1184·29	1186·41	1186·12	1184·48	1183·38	1183·03	1183·28	1183·88	1184·76	1184·75	1184·63	1184·45
10	1184·33	1186·41	1186·07	1184·48	1183·43	1183·23	1183·33	1184·13	1184·76	1184·75	1184·63	1184·45
11	1184·35	1186·41	1186·06	1184·43	1183·43	1183·03	1183·33	1184·18	1184·76	1184·75	1184·63	1184·45
12	1184·39	1186·33	1186·02	1184·43	1183·38	1183·03	1183·33	1184·28	1184·76	1184·74	1184·63	1184·45
13	1184·42	1186·33	1185·99	1184·43	1183·38	1182·93	1183·33	1184·33	1184·76	1184·74	1184·62	1184·45
14	1184·45	1186·38	1185·95	1184·38	1183·38	1182·88	1183·33	1184·37	1184·76	1184·74	1184·62	1184·44
15	1184·49	1186·33	1185·90	1184·38	1183·33	1182·83	1183·33	1184·40	1184·76	1184·73	1184·61	1184·44
16	1184·56	1186·31	1185·87	1184·28	1183·28	1182·83	1183·33	1184·41	1184·77	1184·73	1184·60	1184·43
17	1184·61	1186·31	1185·80	1184·23	1183·28	1183·03	1183·33	1184·41	1184·78	1184·73	1184·59	1184·42
18	1184·67	1186·32	1185·73	1184·18	1183·23	1183·03	1183·38	1184·42	1184·78	1184·73	1184·59	1184·41
19	1184·73	1186·33	1185·64	1184·03	1183·18	1183·03	1183·38	1184·43	1184·78	1184·73	1184·58	1184·40
20	1184·79	1186·30	1185·56	1183·98	1183·13	1183·03	1183·38	1184·47	1184·78	1184·72	1184·57	1184·38
21	1184·85	1186·26	1185·48	1183·98	1183·13	1183·23	1183·43	1184·51	1184·78	1184·72	1184·55	1184·36
22	1184·91	1186·28	1185·40	1183·93	1183·53	1183·23	1183·43	1184·53	1184·79	1184·71	1184·53	1184·35
23	1185·00	1186·30	1185·32	1183·88	1183·03	1183·23	1183·48	1184·58	1184·79	1184·71	1184·52	1184·32
24	1185·12	1186·30	1185·26	1183·88	1183·03	1183·23	1183·53	1184·63	1184·80	1184·70	1184·51	1184·30
25	1185·33	1186·32	1185·28	1183·73	1183·03	1183·23	1183·58	1184·68	1184·81	1184·70	1184·50	1184·28
26	1185·53	1186·32	1185·28	1183·73	1183·03	1183·23	1183·70	1184·68	1184·83	1184·69	1184·49	1184·26
27	1185·75	1186·24	1185·13	1183·73	1183·03	1183·23	1183·71	1184·73	1184·83	1184·69	1184·48	1184·23
28	1185·93	1186·23	1185·13	1183·73	1183·03	1183·33	1183·73	1184·73	1184·83	1184·68	1184·47	1184·21
29	1186·03	1186·22	1184·94	1183·68	1183·53	1183·33	1183·73	1184·73	1184·83	1184·67	.....	1184·19
30	1186·03	1186·22	1184·88	1183·68	1183·73	1183·33	1183·78	1184·72	1184·81	1184·67	.....	1184·17
31	.....	1186·21	.....	1183·63	.....	.....	1183·83	.....	1184·81	1184·66	.....	1184·16

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gatineau River at Bark Lake, for 1914–15.

TABLE No. 265.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	1184·13	1184·51	1185·33	1184·59	1182·93	1182·10	1181·83	1182·25	1182·99	1183·48	1183·95	1184·38
2	1184·11	1184·59	1185·33	1184·51	1182·88	1182·18	1181·81	1182·25	1183·03	1183·53	1183·94	1184·42
3	1184·11	1184·63	1185·33	1184·43	1182·85	1182·18	1181·83	1182·24	1183·11	1183·55	1183·96	1184·40
4	1184·10	1184·68	1185·33	1184·35	1182·75	1182·15	1181·82	1182·31	1183·13	1183·58	1183·99	1184·39
5	1184·08	1184·78	1185·32	1184·27	1182·71	1182·13	1181·83	1182·38	1183·17	1183·60	1184·02	1184·40
6	1184·07	1184·93	1185·32	1184·23	1182·68	1182·11	1181·81	1182·42	1183·19	1183·60	1184·04	1184·41
7	1184·07	1185·03	1185·30	1184·20	1182·66	1182·11	1181·81	1182·39	1183·21	1183·63	1184·07	1184·43
8	1184·06	1185·08	1185·28	1184·15	1182·65	1182·11	1181·83	1182·43	1183·24	1183·68	1184·09	1184·45
9	1184·06	1185·11	1185·26	1184·13	1182·63	1182·11	1181·85	1182·48	1183·25	1183·70	1184·10	1184·46
10	1184·04	1185·13	1185·25	1184·11	1182·55	1182·07	1182·00	1182·50	1183·23	1183·71	1184·12	1184·47
11	1184·04	1185·15	1185·23	1183·95	1182·54	1182·03	1182·01	1182·44	1183·23	1183·72	1184·13	1184·4
12	1184·02	1185·16	1185·21	1183·87	1182·53	1182·01	1182·03	1182·52	1183·23	1183·72	1184·13	1184·44
13	1184·01	1185·18	1185·20	1183·78	1182·52	1182·00	1182·05	1182·53	1183·22	1183·71	1184·14	1184·42
14	1184·00	1185·20	1185·18	1183·71	1182·50	1181·95	1182·06	1182·53	1183·22	1183·72	1184·15	1184·41
15	1183·99	1185·21	1185·16	1183·65	1182·50	1181·93	1182·08	1182·53	1183·25	1183·72	1184·15	1184·41
16	1183·98	1185·22	1185·15	1183·55	1182·48	1181·91	1182·10	1182·64	1183·26	1183·73	1184·16	1184·41
17	1183·97	1185·23	1185·13	1183·53	1182·45	1181·91	1182·11	1182·66	1183·27	1183·73	1184·16	1184·42
18	1183·97	1185·23	1185·11	1183·53	1182·43	1181·91	1182·12	1182·68	1183·27	1183·73	1184·17	1184·42
19	1183·97	1185·23	1185·09	1183 51	1182·43	1181·91	1182·14	1182·72	1183·28	1183·74	1184·18	1184·43
20	1183·99	1185·24	1185·07	1183·43	1182·42	1181·88	1182·15	1182·74	1183·28	1183·74	1184·19	1184·43
21	1183·99	1185·25	1185·05	1183·39	1182·35	1181·73	1182·16	1182·78	1183·33	1183·75	1184·19	1184·43
22	1184·01	1185·26	1185·01	1183·33	1182·33	1181·72	1182·18	1182·81	1183·37	1183·76	1184·19	1184·43
23	1184·01	1185·26	1184·98	1183·31	1182·30	1181·71	1182·19	1182·88	1183·39	1183·78	1184·20	1184·43
24	1184·02	1185·27	1184·96	1183·25	1182·28	1181·71	1182·20	1182·89	1183·43	1183·80	1184·21	1184·44
25	1184·08	1185·28	1184·93	1183·23	1182·27	1181·78	1182·21	1182·90	1183·46	1183·81	1184·23	1184·44
26	1184·11	1185·29	1184·89	1183·21	1182·25	1181·83	1182·22	1182·92	1183·43	1183·83	1184·27	1184·44
27	1184·15	1185·29	1184·85	1183·18	1182·23	1181·85	1182·23	1182·94	1183·42	1183·84	1184·32	1184·44
28	1184·23	1185·30	1184·80	1183·13	1182·18	1181·85	1182·26	1182·93	1183·42	1183·84	1184·35	1184·44
29	1184·33	1185·30	1184·75	1183·01	1182·15	1181·81	1182·28	1182·93	1183·43	1183·85	.....	1184·45
30	1184·43	1185·31	1184·68	1182·95	1182·13	1181·78	1182·29	1182·94	1183·43	1183·87	.....	1184·45
13	.....	1185·33	.....	1182·93	1182·12	.....	1182·29	.....	1183·44	1183·90	.....	1184·45

Elevations above M.S.L. of Gatineau River above Chelsea, for 1911–12.

TABLE No. 266.

1	.....	.....	.....	.....	.....	.....	.....	.....	240·33	241·23	242·13	243·78	242·03
2	.....	.....	.....	.....	.....	.....	.....	.....	240·43	241·28	242·23	243·33	242·03
3	.....	.....	.....	.....	.....	.....	.....	.....	240·48	241·33	242·23	243·33	242·13
4	.....	.....	.....	.....	.....	.....	.....	.....	240·53	241·03	241·83	243·73	241·93
5	.....	.....	.....	.....	.....	.....	.....	.....	240·53	240·98	241·43	243·63	241·68
6	.....	.....	.....	.....	.....	.....	.....	.....	240·53	240·93	241·33	243·63	241·13
7	.....	.....	.....	.....	.....	.....	.....	.....	240·63	240·93	241·23	243·48	240·73
8	.....	.....	.....	.....	.....	.....	.....	.....	240·63	240·88	241·13	243·33	240·43
9	.....	.....	.....	.....	.....	.....	.....	.....	240·63	240·88	241·03	243·03	240·23
10	.....	.....	.....	.....	.....	.....	.....	.....	240·73	241·08	243·33	243·13	240·18
11	.....	.....	.....	.....	.....	.....	.....	.....	240·73	241·08	244·43	242·83	240·13
12	.....	.....	.....	.....	.....	.....	.....	.....	240·83	241·93	244·88	242·63	240·13
13	.....	.....	.....	.....	.....	.....	.....	.....	240·93	241·98	244·13	242·48	240·13
14	.....	.....	.....	.....	.....	.....	.....	.....	241·23	241·98	244·23	242·23	240·03
15	.....	.....	.....	.....	.....	.....	.....	.....	241·23	242·03	244·73	242·23	240·03
16	.....	.....	.....	.....	.....	.....	.....	.....	241·33	242·08	244·73	242·23	240·13
17	.....	.....	.....	.....	.....	.....	.....	.....	241·58	242·13	244·78	242·03	240·13
18	.....	.....	.....	.....	.....	.....	.....	.....	241·43	242·23	244·83	241·68	240·18
19	.....	.....	.....	.....	.....	.....	.....	.....	241·33	242·13	244·83	241·03	240·18
20	.....	.....	.....	.....	.....	.....	.....	.....	241·38	242·18	245·03	241·03	240·38
21	.....	.....	.....	.....	.....	.....	.....	.....	241·23	241·93	244·63	240·93	240·43
22	.....	.....	.....	.....	.....	.....	.....	.....	241·13	241·88	243·98	240·73	240·53
23	.....	.....	.....	.....	.....	.....	.....	.....	240·93	241·93	243·88	240·63	240·58
24	.....	.....	.....	.....	.....	.....	.....	240·13	241·08	241·93	243·88	240·68	240·23
25	.....	.....	.....	.....	.....	.....	.....	240·08	241·23	241·93	243·63	240·93	240·08
26	.....	.....	.....	.....	.....	.....	.....	240·08	241·33	241·88	243·38	241·23	239·83
27	.....	.....	.....	.....	.....	.....	.....	240·13	241·33	241·78	243·48	241·73	239·88
28	.....	.....	.....	.....	.....	.....	.....	240·13	241·33	241·68	244·13	242·03	239·98
29	.....	.....	.....	.....	.....	.....	.....	240·08	241·28	241·73	244·13	242·03	240·03
30	.....	.....	.....	.....	.....	.....	.....	240·13	241·18	241·83	244·08	.....	240·08
31	.....	.....	.....	.....	.....	.....	.....	240·33	.....	241·88	243·93	.....	240·08

Elevations above M.S.L. of Gatineau River above Chelsea, for 1912–13.

TABLE No. 267.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	240·01	247·51	247·81	244·96	242·21	241·96	241·36	244·36	242·91	241·96	241·76	240·96
2	240·01	247·56	247·76	244·46	242·01	242·01	241·31	244·26	242·96	241·96	241·71	241·16
3	240·01	247·61	247·51	244·01	241·91	242·01	241·46	244·11	243·01	242·01	241·66	241·21
4	240·06	247·71	247·16	243·81	241·91	242·01	241·61	244·01	242·96	242·01	241·61	241·26
5	240·06	247·61	246·96	243·76	241·86	241·96	241·66	243·91	242·91	241·96	241·51	241·41
6	240·11	247·56	246·86	243·61	241·86	241·71	241·61	243·86	243·16	241·91	241·46	241·56
7	240·66	247·56	246·66	243·41	241·81	241·56	241·46	244·21	243·41	241·91	241·46	241·61
8	241·16	247·41	246·41	243·26	241·76	241·61	241·36	244·56	243·31	241·96	241·46	241·66
9	241·51	247·36	246·46	243·16	241·76	241·66	241·31	245·06	243·26	242·01	241·56	241·31
10	241·71	247·26	246·31	243·16	241·61	241·71	241·46	245·06	243·01	242·08	241·61	241·16
11	241·91	247·31	246·31	243·11	241·61	241·71	241·51	245·01	242·86	241·86	241·71	240·81
12	242·16	247·51	246·26	243·11	241·61	241·71	241·66	245·06	242·81	241·91	241·71	240·81
13	242·51	247·76	246·16	243·16	241·66	241·66	241·66	245·06	242·81	242·01	241·71	240·76
14	242·71	248·01	246·16	243·11	241·71	241·66	241·61	244·81	242·76	241·86	241·66	240·71
15	243·01	248·11	246·21	243·06	241·76	241·66	241·56	244·61	242·76	241·71	241·66	240·61
16	243·91	248·26	245·91	243·06	241·76	241·61	241·56	244·56	242·81	241·71	241·66	240·91
17	244·21	248·71	245·56	243·01	241·81	241·56	241·61	244·41	242·66	241·61	241·61	241·16
18	244·71	249·01	245·56	242·96	241·81	241·51	241·76	244·31	242·51	241·61	241·51	241·41
19	244·96	248·81	245·61	242·96	241·81	241·36	241·91	244·11	242·56	241·71	241·36	241·46
20	245·36	248·61	245·71	242·91	241·71	241·21	242·01	244·01	242·61	241·81	241·36	241·51
21	245·61	248·36	245·86	242·91	241·61	241·16	242·21	243·81	242·41	241·86	241·21	241·61
22	245·96	248·11	245·91	242·81	241·61	241·26	242·31	243·66	242·61	241·91	241·21	241·66
23	246·36	248·06	245·61	242·71	241·51	241·36	242·71	243·56	242·51	241·91	241·16	243·11
24	246·81	248·01	245·26	242·71	241·41	241·46	243·21	243·46	242·41	241·91	241·11	244·26
25	246·96	247·91	245·31	242·61	241 31	241·61	243·61	243·41	242·36	241·86	241·11	244·91
26	247·01	248·01	245·36	242·61	241·46	241·71	243·81	243·31	242·21	241·81	241·06	245·16
27	247·21	248·16	245·36	242·51	241·61	241·61	244·11	243·21	242·31	241·76	241·01	245·21
28	247·26	248·26	245·31	242·41	241·71	241·51	244·36	243·06	242·41	241·81	241·01	245·41
29	247·31	248·31	245·31	242·41	241·76	241·46	244·41	242·91	242·01	241·81	.....	245·46
30	247·41	248·11	245·31	242·41	241·91	241·41	244·51	242·86	242·06	241·81	.....	245·61
31	.....	247·96	.....	242·31	241·96	.....	244·41	.....	242·11	241·81	.....	245·86

Elevations above M.S.L. of Gatineau River above Chelsea, for 1913–14.

TABLE No. 268.

1	245·86	249·26	244·48	242·38	241·58	241·03	241·68	244·76	244·21	241·51	241·96	241·86
2	245·91	249·41	244·23	242·23	241·53	241·03	241·78	244·56	244·06	241·46	241·41	241·81
3	246·16	249·56	244·08	242·23	241·48	240·98	241·88	244·41	243·81	241·31	240·96	241·71
4	246·31	249·46	243·93	242·18	241·38	240·98	241·78	244·26	243·76	241·21	241·01	241·71
5	246·71	249·41	243·88	242·18	241·23	240·88	241·68	244·01	243·61	241·26	241·06	241·71
6	246·66	249·21	243·88	242·13	241·18	240·83	241·53	243·71	243·56	241·16	241·11	241·71
7	246·41	249·06	243·83	242·08	241·08	240·73	241·48	243·76	243·51	241·01	241 11	241·51
8	246·41	248·76	243·83	242·03	241·03	240·73	241·43	243·41	243·46	241·01	241·36	241·51
9	246·41	248·41	243·78	242·03	241·03	240·68	.....	243·81	243·26	240·96	241·41	241·46
10	246·31	.....	243·63	241·98	240·98	240·68	.....	244·16	242·96	240·91	241·66	241·46
11	246·26	.....	243·48	241·93	240·88	240·53	.....	243·96	242·76	241·06	241·81	241·41
12	246·21	.....	243·48	241·88	240·88	240·53	.....	244·01	242·61	241·26	241·96	241·41
13	246·21	.....	243·43	242·08	240·73	240·53	.....	244·31	242·56	241·51	242·21	241·01
14	246·26	.....	243·43	242·23	240·68	240·53	.....	244·66	242·56	241·91	242·16	241·06
15	246·41	.....	243·28	242·23	240·58	240·48	.....	244·91	242·46	242·36	242·31	240·86
16	246·56	.....	243·23	242·28	240·58	240·43	241·11	244·76	242·46	242·91	242·56	240·51
17	246·71	.....	243·23	242·43	240·58	240·28	241·26	244·71	242·41	242·96	242·71	240·36
18	246·91	.....	243·13	242·58	240·53	240·28	241·31	244·61	242·46	242·76	242·36	240·21
19	247·16	.....	242·98	242·73	240·53	240·18	241·31	244·46	242·41	242·66	242·01	240·21
20	247·11	.....	242·88	242·63	240·48	240·03	241·46	244·46	242·21	242·51	241·96	240·16
21	247·11	.....	242·83	242·58	240·48	240·03	241·46	244·41	241·86	242·41	242·01	240·16
22	247·11	.....	242·83	242·43	240·43	240·33	241·51	244·31	241 86	242·41	242·01	240·16
23	247·11	.....	242·83	242·38	240·53	240·63	242·01	244·36	241·76	242·36	242·01	240·21
24	247·16	.....	242·83	242·28	240·58	240·98	242·41	244·36	241·76	242·41	241·96	240·21
25	247·21	.....	242·83	242·23	240·73	241·18	242·91	244·31	241·86	242·56	241·91	240·36
26	247·21	.....	242·88	242·18	240·78	241·33	243·66	244·31	241·96	242·66	241·91	240·46
27	247·91	244·78	242·83	242·13	240·93	241·63	244·06	244·31	242·06	242·81	241·86	240·51
28	248·51	244·73	242·78	242·03	241·18	241·63	244·51	244·26	241·86	243·01	241·86	240·51
29	248·96	244·68	242·68	241·98	241·33	241·63	244·56	244·26	241·71	242·86	.....	240·51
30	249·11	244·68	242·48	241·83	241·48	241·63	244·66	244·21	241·66	242·56	.....	240·61
31	.....	244·63	.....	241·68	241·08	.....	244·71	.....	241·51	242·26	.....	240·61

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gatineau River above Chelsea, for 1914–15.

TABLE No. 269.

Day.	April.	May.	June.	July.	Aug	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	240·96	244·21	243·21	242·36	241·21	240·11	239·51	240·51	241·61	242·71	241·46	240·16
2	241·16	244·41	243·16	242·36	241·21	240·16	239·36	240·51	241·61	242·51	241·51	240·06
3	241·51	244·71	243·01	242·36	241·11	240·16	239·21	240·51	241·61	242·51	241·76	240·01
4	241·01	245·11	242·76	242·36	241·11	240·11	239·21	240·51	241·66	242·51	242·01	239·91
5	241·01	245·16	242·71	242·36	241·11	240·11	239·21	240·51	241·71	242·46	241·96	239·91
6	241·01	245·41	242·61	242·36	241·06	240·21	239·21	240·51	241·61	242·46	241·91	239·86
7	241·01	245·51	242·56	242·36	240·91	240·41	239·21	240·51	241·61	242·41	241·91	239·81
8	241·11	245·66	242·51	242·36	240·81	240·51	239·31	240·56	241·61	242·41	241·91	239·71
9	241·11	245·71	242·51	242·21	240·81	240·66	239·36	240·61	241·61	242·31	241·86	239·61
10	241·11	245·96	242·51	242·11	240·81	240·66	239·41	240·76	241·61	242·31	241·81	239·61
11	241·01	245·96	242·41	242·06	240·81	240·71	239·56	240·76	241·61	242·31	241·81	239·56
12	241·01	246·06	242·21	242·06	240·81	240·71	239·71	240·76	241·66	242·06	241·81	239·56
13	240·91	246·01	242·16	242·01	240·76	240·71	239·76	240·71	241·51	241·91	241·81	239·56
14	240·86	245·96	242·06	242·01	240·51	240·71	239·86	240·71	241·41	241·76	241·76	239·61
15	240·71	245·51	241·91	241·86	240·46	240·71	240·01	241·51	241·41	241·51	241·31	239·61
16	240·71	245·26	241·71	241·76	240·46	240·71	240·21	242·11	241·41	241·41	240·96	239·66
17	240·61	245·06	241·71	241·71	240·46	240·71	240·51	242·91	241·41	241·46	240·41	239·76
18	240·61	244·71	241·76	241·71	240·41	240·71	240·56	242·61	241·41	241·36	240·06	239·91
19	241·16	244·46	241·81	241·61	240·31	240·71	240·61	242·06	241·41	241·31	239·91	239·96
20	241·81	244·41	241·96	241·56	240·31	240·56	240·66	241·41	241·56	241·26	239·71	240·11
21	242·21	244·16	242·01	241·56	240·21	240·41	240·71	241·61	241·61	241·06	239·71	240·16
22	242·71	244·11	242·11	241·41	240·11	240·36	240·86	241·56	241·81	241·11	239·76	240·16
23	242·71	243·91	242·21	241·41	240·11	240·31	240·96	241·61	241·91	241·41	239·86	240·21
24	242·71	243·81	242·21	241·41	240·11	240·16	241·01	241·66	242·21	241·36	240·01	240·26
25	242·71	243·81	242·21	241·41	240·11	240·11	240·96	241·71	242·66	241·36	240·06	240·31
26	242·86	243·71	242·26	241·36	240·11	240·01	240·86	241·66	243·11	241·36	240·21	240·36
27	243·16	243·71	242·26	241·36	240·06	239·96	240·86	241·61	243·51	241·41	240·26	240·41
28	243·31	243·71	242·31	241·31	240·01	239·91	240·86	241·61	243·21	241·41	240·21	240·16
29	243·51	243·61	242·31	241·31	240·01	239·81	240·71	241·61	243·21	241·46	.....	239·96
30	243·91	243·51	242·31	241·21	240·06	239·66	240·66	241·61	243·11	241·46	.....	239·96
31	.....	243·31	.....	241·21	240·11	.....	240·51	.....	242·86	241·46	.....	239·91

Elevations above M.S.L. of Gatineau River below Chelsea, for 1899–1900.

TABLE No. 270.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	209·39	208·39	208·47
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	209·49	208·39	208·47
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	209·56	208·39	208·56
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	209·64	208·39	208·56
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	209·47	208·39	208·56
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	209·31	208·39	208·56
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	208·97	208·31	208·56
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	208·72	208·31	208·56
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	208·72	208·31	208·47
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	208·64	208·31	208·47
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	208·56	208·47	208·47
12	.....	.....	.....	.....	.....	.....	.....	.....	208·47	208·64	208·39	208·47
13	.....	.....	.....	.....	.....	.....	.....	.....	208·06	208·64	208·39	208·47
14	.....	.....	.....	.....	.....	.....	.....	.....	209·06	208·64	208·39	208·39
15	.....	.....	.....	.....	.....	.....	.....	.....	209·06	208·64	208·72	208·39
16	.....	.....	.....	.....	.....	.....	.....	.....	209·10	208·56	208·64	208·39
17	.....	.....	.....	.....	.....	.....	.....	.....	209·47	208·47	208·56	208·31
18	.....	.....	.....	.....	.....	.....	.....	.....	209·56	208·47	208·64	208·31
19	.....	.....	.....	.....	.....	.....	.....	.....	209·89	208·39	208·64	208·31
20	.....	.....	.....	.....	.....	.....	.....	.....	210·31	208·35	208·64	208·31
21	.....	.....	.....	.....	.....	.....	.....	.....	210·14	208·39	208·64	208·22
22	.....	.....	.....	.....	.....	.....	.....	.....	210·14	208·56	208·56	208·22
23	.....	.....	.....	.....	.....	.....	.....	.....	210·14	208·39	208·56	208·22
24	.....	.....	.....	.....	.....	.....	.....	.....	210·06	208·31	208·47	208·22
25	.....	.....	.....	.....	.....	.....	.....	.....	210·06	208·47	208·47	208·22
26	.....	.....	.....	.....	.....	.....	.....	.....	209·89	208·47	208·56	208·14
27	.....	.....	.....	.....	.....	.....	.....	.....	209·64	208·47	208·56	208·06
28	.....	.....	.....	.....	.....	.....	.....	.....	209·47	208·39	208·56	207·97
29	.....	.....	.....	.....	.....	.....	.....	.....	209·39	208·39	.....	207·97
30	.....	.....	.....	.....	.....	.....	.....	.....	209·35	208·31	.....	207·97
31	.....	.....	.....	.....	.....	.....	.....	.....	209·39	208·39	.....	207·89

Elevations above M.S.L. of Gatineau River below Chelsea, for 1900–1901.

TABLE No. 271.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	207·89	215·39	211·64	209·72	210·14	207·89	209·14	209·56	210·14	208·31	208·39	208·22
2	207·89	215·22	211·72	210·22	209·97	208·14	209·22	209·39	210·14	208·39	208·39	208·22
3	207·89	214·97	211·81	210·81	209·89	207·81	209·31	209·22	210·06	208·47	208·39	208·14
4	208·06	214·89	211·64	211·14	209·81	207·81	209·31	209·31	209·97	208·56	208·39	208·14
5	208·06	214·64	211·47	211·39	209·72	207·81	208·89	209·31	209·97	208·47	208·39	208·14
6	208·39	214·56	211·31	211·64	209·64	207·81	208·81	209·22	209·89	208·47	208·39	208·14
7	209·06	214·39	211·14	211·81	209·56	207·81	208·81	209·22	209·72	208·39	208·39	208·14
8	209·22	214·31	211·06	211·89	209·56	207·72	208·81	209·14	209·64	208·31	208·47	208·06
9	209·39	214·14	210·89	211·97	209·56	207·72	209·14	209·14	209·39	208·22	208·56	208·06
10	209·14	213·89	210·81	211·97	209·56	207·72	209·72	209·06	209·22	208·31	208·64	208·02
11	208·97	213·64	210·81	212·06	209·56	207·72	210·31	209·06	209·06	208·39	208·56	207·97
12	208·97	213·56	210·56	212·31	209·56	207·72	209·97	208·97	209·06	208·31	208·47	207·97
13	208·97	213·31	210·47	212·39	209·56	207·72	211·22	208·89	209·14	208·31	208·56	207·97
14	209·06	212·81	210·31	212·47	209·47	207·81	210·97	208·89	209·14	208·31	208·64	207·97
15	209·22	212·56	210·31	212·47	209·47	208·14	210·81	208·81	209·39	208·31	208·64	208·02
16	209·39	212·39	210·22	212·39	209·39	208·39	210·56	208·81	209·39	208·31	208·56	207·97
17	209·72	212·39	210·56	212·39	209·22	209·81	210·39	208·72	209·47	208·31	208·47	207·97
18	210·39	212·56	210·06	212·39	209·06	208·89	210·14	208·64	209·64	208·39	208·47	207·89
19	211·39	212·64	209·97	212·39	208·89	208·97	209·97	208·64	209·64	208·39	208·39	207·81
20	211·89	212·64	209·89	212·06	208·81	209·06	209·97	208·72	209·39	208·47	208·31	207·81
21	212·39	212·47	209·81	211·89	208·72	209·14	209·89	209·14	208·89	208·64	208·31	207·89
22	213·14	212·39	209·81	211·81	208·56	209·31	209·64	209·39	208·72	208·56	208·31	207·89
23	213·89	212·22	209·72	211·64	208·47	209·39	209·47	209·64	208·56	208·47	208·31	207·81
24	214·47	212·14	209·56	211·47	208·39	209·39	209·39	209·81	208·47	208·47	208·31	207·81
25	214·97	212·14	209·56	211·39	208·22	209·39	209·31	209·81	208·47	208·31	208·31	207·89
26	215·39	212·06	209·22	211·22	208·22	209·31	209·22	210·06	208·47	208·31	208·22	207·97
27	215·64	211·97	209·14	211·06	208·14	209·31	209·14	210·14	208·39	208·31	208·22	208·14
28	215·89	211·89	208·97	210·89	208·06	209·22	209·39	209·97	208·39	208·31	208·22	208·39
29	215·89	211·72	208·89	210·64	208·06	209·14	209·31	209·97	208·39	208·39	.....	208·39
30	215·64	211·72	209·06	210·39	207·97	209·14	209·47	210·06	208·39	208·39	.....	208·31
31	.....	211·64	.....	210·22	207·97	.....	209·56	.....	208·14	208·39	.....	208·31

Elevations above M.S.L. of Gatineau River below Chelsea, for 1901–02.

TABLE No. 272.

1	208·39	215·47	211·22	209·39	208·31	207·81	207·14	207·22	207·39	209·14	208·22	207·81
2	208·14	215·56	211·31	209·22	208·22	207·81	207·14	207·22	207·39	209·14	208·22	207·97
3	208·31	215·56	211·64	209·14	208·14	207·81	207·22	207·22	207·39	209·14	208·22	208·14
4	208·56	215·56	212·06	209·06	208·14	207·72	207·22	207·22	207·39	209·06	208·14	208·06
5	209·06	215·47	212·22	209·06	208·06	207·72	207·22	207·22	207·47	208·97	208·14	208·06
6	209·31	215·39	212·31	208·89	207·97	207·64	207·39	207·22	207·47	208·97	208·22	207·97
7	209·72	215·14	212·31	208·89	207·97	207·56	207·39	207·31	207·56	208·81	208·22	207·97
8	209·97	214·89	212·31	208·89	207·97	207·47	207·47	207·39	207·56	208·81	208·14	207·97
9	209·56	214·64	212·14	208·81	207·97	207·47	207·56	207·47	207·56	208·72	208·14	207·97
10	209·56	214·39	212·06	208·72	207·89	207·39	207·72	207·39	207·47	208·64	208·14	208·06
11	210·89	214·22	211·89	208·64	207·89	207·39	207·22	207·39	207·47	208·56	208·22	208·14
12	211·06	213·97	211·81	208·56	207·81	207·39	207·06	207·39	207·39	208·47	208·22	208·22
13	211·39	213·81	211·72	208·47	207·81	207·31	207·31	207·39	207·39	208·39	208·22	208·39
14	212·06	213·72	211·64	208·39	207·72	207·31	207·39	207·39	207·32	208·39	208·14	208·72
15	212·22	213·64	211·56	208·31	207·72	207·31	207·56	207·39	208·89	208·31	208·14	208·81
16	212·39	213·56	211·47	208·22	207·64	207·22	207·89	207·39	208·31	208·31	208·14	208·81
17	212·72	213·47	211·31	208·14	207·72	207·22	207·97	207·31	208·47	208·31	208·14	209·61
18	212·89	213·39	211·06	208·06	207·81	207·22	207·97	207·31	208·64	208·31	208·14	209·72
19	213·31	213·14	210·89	207·89	207·89	207·14	207·97	207·31	208·89	208·31	208·14	209·81
20	213·56	213·14	210·72	207·89	207·89	207·14	207·89	207·31	208·97	208·31	208·06	209·81
21	213·97	213·14	210·56	207·89	207·89	207·14	207·89	207·31	209·31	208·31	207·97	209·97
22	214·64	213·06	210·39	207·89	207·97	207·06	207·89	207·31	209·31	208·31	207·89	210·06
23	214·89	212·89	210·31	207·89	207·97	207·06	207·81	207·31	209·39	208·31	207·81	210·56
24	214·97	212·81	210·22	207·89	208·06	207·06	207·72	207·39	209·39	208·31	207·81	210·47
25	215·06	212·47	210·06	207·97	207·97	207·06	207·64	207·39	209·56	208·31	207·81	210·56
26	215·14	212·31	209·89	208·06	207·89	207·06	207·56	207·31	209·72	208·22	207·81	210·64
27	215·22	212·06	209·81	208·14	207·89	207·06	207·47	207·31	209·81	208·22	207·81	210·64
28	215·31	211·89	209·72	208·31	207·89	207·06	207·39	207·31	209·64	208·22	207·81	210·81
29	215·39	211·64	209·64	208·39	207·89	207·06	207·39	207·31	209·39	208·22	.....	211·14
30	215·39	211·47	209·56	208·39	207·89	207·06	207·31	207·39	209·31	208·22	.....	211·39
31	.....	211·39	.....	208·31	207·81	.....	207·31	.....	209·22	208·22	.....	212·14

Elevations above M.S.L. of Gatineau River below Chelsea, for 1902–03.

TABLE No. 273.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	212·39	213·81	212·31	211·14	208·97	207·97	207·14	208·81	209·89	208·31	208·14	208·22
2	212·56	213·89	212·39	211·06	208·89	207·89	207·14	208·72	209·64	208·31	208·14	208·22
3	212·81	214·06	212·39	211·06	208·89	207·89	207·14	208·72	209·47	208·31	208·14	208·31
4	213·06	214·14	212·47	211·06	208·89	207·81	207·06	208·72	209·22	208·31	208·14	208·31
5	213·47	214·47	212·56	210·97	208·81	207·72	207·06	208·72	209·06	208·31	208·14	208·31
6	213·39	214·56	212·64	210·89	208·81	207·64	207·06	208·72	208·89	208·31	208·14	208·31
7	213·31	214·56	212·64	210·81	208·72	207·56	207·06	208·72	208·97	208·31	208·14	208·39
8	213·22	214·47	212·64	210·72	208·72	207·47	207·14	208·97	209·06	208·47	208·14	208·39
9	213·06	214·39	212·64	210·64	208·72	207·39	207·14	209·06	209·22	208·56	208·22	208·47
10	212·97	214·31	212·64	210·56	208·72	207·31	207·22	209·22	209·31	208·64	208·22	208·64
11	212·97	214·22	212·64	210·47	208·72	207·22	207·22	209·31	209·47	208·64	208·22	208·72
12	212·97	214·06	212·64	210·39	208·64	207·22	207·31	209·31	209·56	208·64	208·22	208·81
13	213·06	213·89	212·56	210·31	208·64	207·22	207·31	209·39	209·64	208·72	208·31	208·97
14	213·06	213·64	212·56	210·22	208·56	207·31	207·31	209·39	209·47	208·72	208·31	209·14
15	213·06	213·47	212·56	210·14	208·56	207·39	207·31	209·47	209·31	208·81	208·31	209·14
16	213·14	213·56	212·39	210·06	208·47	207·39	207·47	209·47	209·14	208·64	208·31	209·31
17	213·14	213·14	212·31	209·97	208·47	207·39	207·64	209·47	208·89	208·56	208·39	209·56
18	213·06	212·89	212·31	209·97	208·39	207·39	207·81	209·47	208·89	208·39	208·39	209·81
19	212·97	212·56	212·06	209·97	208·39	207·47	207·89	209·64	208·81	208·39	208·39	210·39
20	212·97	212·56	211·89	209·97	208·31	207·47	207·89	209·72	208·72	208·39	208·39	210·72
21	212·89	212·22	211·81	209·81	208·31	207·47	207·97	209·81	208·64	208·31	208·31	211·06
22	212·89	212·06	211·72	209·81	208·22	207·39	207·97	209·89	208·64	208·31	208·22	211·39
23	212·97	211·89	211·56	209·81	208·22	207·31	208·06	210·06	208·64	208·22	208·22	211·64
24	213·06	211·81	211·47	209·81	208·22	207·31	208·14	210·06	208·64	208·14	208·22	211·81
25	213·06	211·81	211·39	209·72	208·22	207·22	208·14	210·06	208·64	208·31	208·14	211·89
26	213·06	211·97	211·31	209·64	208·14	207·22	208·22	210·14	208·64	208·31	208·14	211·97
27	213·14	212·81	211·22	209·64	208·14	207·22	208·31	210·22	208·64	208·31	208·14	212·06
28	213·31	212·06	211·22	209·56	208·14	207·14	208·39	210·31	208·64	208·31	208·14	212·14
29	213·31	212·22	211·22	209·39	208·06	207·14	208·56	210·22	208·64	208·22	.....	212·06
30	213·47	212·31	211·14	209·22	208·06	207·14	208·64	210·06	208·56	208·22	.....	211·97
31	.....	212·31	.....	209·06	207·97	.....	208·72	.....	208·31	208·14	.....	211·97

Elevations above M.S.L. of Gatineau River below Chelsea, for 1903–04.

TABLE No. 274.

1	211·97	212·72	211·47	211·64	209·39	208·64	.....	209·22	208·06	208·14	208·56	208·64
2	211·97	212·81	211·31	211·64	209·39	208·64	.....	209·14	208·06	208·14	208·56	208·64
3	211·97	212·89	211·14	211·64	209·39	208·56	.....	208·97	208·06	208·14	208·56	208·64
4	212·06	213·14	211·06	211·64	209·39	208·56	209·72	208·97	208·06	208·14	208·56	208·64
5	212·14	213·22	210·97	211·47	209·39	208·47	209·64	208·97	207·97	208·14	208·56	208·64
6	212·14	213·39	210·89	211·39	209·39	208·47	209·64	208·89	207·97	208·14	208·64	208·64
7	212·22	213·72	210·72	211·64	209·22	208·39	209·64	208·81	207·97	208·14	208·64	208·56
8	212·22	213·31	210·47	211·47	209·06	208·39	209·64	208·72	207·97	208·14	208·64	208·56
9	212·31	213·31	210·39	211·31	208·97	208·31	209·64	208·64	207·97	208·14	208·64	208·56
10	212·22	213·31	210·31	211·14	208·89	208·31	209·64	208·56	207·97	208·14	208·72	208·56
11	212·22	213·31	210·14	210·97	209·06	208·31	209·72	208·56	207·97	208·06	208·72	208·56
12	212·22	213·31	211·14	210·81	209·22	208·39	209·81	208·56	207·97	208·06	208·72	208·47
13	212·22	213·22	211·81	210·72	209·39	208·47	209·89	208·47	207·97	208·06	208·72	208·47
14	212·22	213·14	212·31	210·64	209·72	208·56	209·97	208·39	207·97	208·06	208·72	208·47
15	212·22	212·97	212·31	210·56	209·97	208·64	210·06	208·39	207·97	208·06	208·81	208·47
16	212·31	212·97	212·39	210·56	209·97	208·72	210·22	208·39	208·06	208·06	208·81	208·47
17	212·31	212·97	212·47	210·14	209·97	208·81	210·22	208·39	208·06	208·14	208·81	208·39
18	212·51	213·72	212·56	209·97	209·97	208·81	210·22	208·39	208·06	208·22	208·81	208·39
19	212·56	213·64	212·56	209·81	209·72	209·22	210·14	208·31	208·06	208·22	208·81	208·39
20	212·64	213·56	212·64	209·64	209·56	209·39	210·14	208·31	208·06	208·31	208·81	208·39
21	212·81	213·22	212·64	209·56	209·39	209·72	210·14	208·22	208·06	208·31	208·81	208·39
22	213·14	213·06	212·64	209·39	209·31	209·81	210·06	208·22	208·06	208·39	208·81	208·47
23	213·06	212·89	212·64	209·31	209·14	209·89	210·06	208·14	208·06	208·39	208·72	208·47
24	212·97	212·72	212·56	209·31	209·14	209·89	209·97	208·14	208·06	208·39	208·72	208·56
25	212·89	212·56	212·31	209·39	209·14	209·89	209·89	208·14	208·06	208·39	208·72	208·56
26	212·72	212·22	212·14	209·47	209·14	209·89	209·72	208·06	207·97	208·39	208·72	208·64
27	212·56	212·06	212·06	209·56	208·97	209·89	209·64	207·97	208·06	208·39	208·72	208·72
28	212·56	211·89	211·97	209·72	208·89	209·89	209·56	207·89	208·06	208·47	208·72	208·81
29	212·56	211·81	211·81	209·72	208·81	209·81	209·39	208·06	208·06	208·47	208·72	208·89
30	212·56	211·72	211·64	209·56	208·72	209·72	209·39	208·06	208·06	208·47	.....	208·97
31	.....	211·56	.....	209·47	208·64	.....	209·31	.....	208·14	208·47	.....	209·14

Elevations above M.S.L. of Gatineau River below Chelsea, for 1904–05.

TABLE No. 275.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	209·31	214·89	215·31	211·72	209·31	208·64	210·39	209·22	208·06	208·22	208·47	208·64
2	209·39	215·39	215·31	211·64	209·31	208·64	210·06	209·14	208·06	208·22	208·47	208·56
3	209·56	215·56	215·14	211·64	209·39	208·56	209·72	208·97	208·06	208·22	208·47	208·56
4	209·64	215·81	214·97	211·64	209·39	208·56	209·64	208·97	208·06	208·22	208·47	208·64
5	209·89	216·22	214·97	211·56	209·31	208·47	209·64	208·97	207·97	208·22	208·47	208·64
6	210·14	216·39	214·89	211·56	209·39	208·47	209·56	208·89	207·97	208·22	208·56	208·64
7	210·39	216·56	214·89	211·64	209·22	208·39	209·56	208·81	207·97	208·22	208·56	208·56
8	210·64	216·72	214·81	211·56	209·14	208·39	209·56	208·72	207·97	208·22	208·56	208·56
9	210·81	217·14	214·64	211·31	209·06	208·31	209·64	208·56	207·97	208·22	208·56	208·56
10	211·06	217·39	214·47	211·14	208·97	208·31	209·64	208·56	207·97	208·22	208·56	208·64
11	211·31	217·39	214·39	211·06	208·89	208·31	209·72	208·47	207·97	208·06	208·81	208·56
12	211·39	216·81	214·22	210·81	209·14	208·39	209·81	208·47	207·97	208·06	208·72	208·47
13	211·47	216·72	214·06	210·72	209·47	208·56	209·89	208·39	207·97	208·06	208·72	208·47
14	211·56	216·64	213·89	210·64	209·81	208·47	209·89	208·39	207·97	208·14	208·72	208·47
15	211·64	216·56	213·81	210·56	209·89	208·64	210·14	208·39	208·06	208·14	208·81	208·47
16	211·72	216·47	213·64	210·56	209·97	208·72	210·06	208·39	208·06	208·14	208·81	208·47
17	211·72	216·39	213·39	210·14	209·97	208·72	210·31	208·31	208·06	208·14	208·81	208·47
18	211·81	216·31	213·06	209·97	209·97	208·81	210·31	208·31	208·06	208·22	208·81	208·47
19	211·89	216·06	212·97	209·72	209·72	209·31	210·22	208·31	208·06	208·22	208·81	208·47
20	211·97	215·89	212·89	209·56	209·64	209·47	210·22	208·22	208·06	208·31	208·81	208·47
21	212·39	215·81	212·72	209·56	209·56	209·72	210·22	208·22	208·06	208·31	208·81	208·47
22	212·56	215·81	212·64	209·31	209·56	209·81	210·14	208·14	208·06	208·39	208·72	208·56
23	212·64	215·81	212·47	209·31	209·47	209·89	210·14	208·14	208·06	208·39	208·72	208·56
24	212·72	215·72	212·31	209·31	209·39	209·89	210·06	208·14	208·06	208·39	208·72	208·64
25	212·72	215·72	212·14	209·39	209·22	210·14	209·89	208·06	208·06	208·39	208·72	208·72
26	212·81	215·64	212·14	209·56	209·14	210·39	209·72	208·06	207·97	208·39	208·72	208·81
27	213·14	215·64	212·06	209·47	208·97	210·47	209·56	207·97	208·14	208·39	208·72	208·47
28	213·39	215·64	212·06	209·64	208·89	210·64	209·56	207·97	208·14	208·56	208·64	208·31
29	213·64	215·56	212·06	209·64	208·81	210·72	209·56	208·06	208·14	208·56	.....	208·89
30	213·89	215·47	211·97	209·61	208·72	210·64	209·31	208·06	208·22	208·56	.....	208·97
31	.....	215·39	.....	209·56	208·64	.....	209·22	.....	208·22	208·56	.....	209·14

Elevations above M.S.L. of Gatineau River below Chelsea, for 1905–06.

TABLE No. 276.

1	209·31	210·31	212·89	209·89	208·72	207·06	206·62	208·71	208·81	208·47	209·47	208·22
2	209·39	210·89	212·89	209·97	208·64	207·07	206·71	208·71	208·72	208·56	209·47	208·18
3	209·47	211·39	212·81	209·97	208·56	207·07	206·71	208·79	208·76	208·64	209·47	208·14
4	209·61	211·89	212·64	210·06	208·39	207·07	206·79	208·79	208·89	208·64	209·39	208·06
5	209 64	212·14	212·56	210·06	208·22	206·72	206·79	208·79	208·89	208·56	209·47	207·97
6	209·22	212·22	212·31	210·14	208·06	206·54	206·79	208·87	208·89	208·56	209·35	207·93
7	209·31	212·39	211·97	210·14	207·97	206·54	206·79	208·87	208·89	208·60	209·31	207·97
8	209·56	212·56	211·64	210·14	207·89	206·54	206·79	208·87	208·89	208·68	209·39	207·89
9	209·72	212·81	211·56	210·22	207·81	206·54	206·96	208·88	208·89	208·76	209·22	207·81
10	209·14	212·89	211·31	210·31	207·72	206·54	207·04	208·96	208·93	208·89	209·06	207·81
11	209·31	212·89	211·06	210·39	207·56	206·54	207·12	209·04	208·89	208·89	208·93	207·85
12	209·22	213·06	211·06	210·47	207·47	206·54	207·21	209·04	208·89	208·89	208·81	207·87
13	209·31	213·22	210·81	210·31	207·39	206·54	207·21	209·12	208·81	208·81	208·72	207·85
14	209·39	213·47	210·81	210·14	207·31	206·62	207·12	209·22	208·81	208·81	208·64	207·81
15	209·56	213·89	210·81	209·97	207·31	206·62	207·12	209·22	208·81	208·72	208·56	207·85
16	209·39	213·89	210·72	209·81	207·39	206·62	207·37	209·14	208·81	208·64	208·47	207·81
17	209·31	213·97	210·64	209·64	207·47	206·62	207·79	209·14	208·76	208·64	208·39	207·81
18	209·39	213·97	210·64	209·47	207·56	206·62	207·12	209·06	208·72	208·92	208·31	207·81
19	209·47	213·97	210·56	209·47	207·56	206·62	207·81	209·06	208·72	208·56	208·39	207·76
20	209·47	213·97	210·56	209·39	207·56	206·62	207·87	209·06	208·64	208·64	208·06	207·76
21	209·39	213·97	210·47	209·39	207·47	206·54	207·96	208·97	208·60	208·64	208·14	207·72
22	209·31	213·89	210·39	209·31	207·39	206·54	208·04	208·89	208·60	208·64	208·35	207·72
23	209·22	213·89	210·31	209·31	207·31	206·62	208·04	208·81	208·60	208·97	208·18	207·72
24	209·47	213·81	210·22	209·31	207·22	206·62	208·29	208·81	208·56	209·22	208·10	207·72
25	209·72	213·72	210·14	209·31	207·22	206·62	208·54	208·72	208·56	209·06	208·10	207·68
26	209·81	213·64	210·14	209·14	207·22	206·62	208·71	208·89	208·51	208·85	208·31	207·64
27	209·64	213·47	210·06	208·97	207·22	206·62	208·79	208·89	208·51	208·81	208·18	209·03
28	209·39	213·39	209·89	208·39	207·14	206·71	208·79	208·85	208·51	208·89	208·14	208·51
29	209·39	213·39	209·89	208·81	207·06	206·62	208·79	208·89	208·51	208·97	.....	208·14
30	209·61	213·31	209·81	208·81	207·06	206·62	208·79	208·76	208·47	209·14	.....	208·18
31	.....	212·89	.....	208·81	207·06	.....	208·79	.....	.....	209·39	.....	208·20

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gatineau River below Chelsea, for 1906–07.

TABLE No. 277.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	208·10	211·81	212·30	210·50	207·50	207·25	207·30	207·80	207·35	207·64	.....	208·01
2	208·06	211·81	212·10	210·20	207·50	207·30	207·30	207·70	207·35	207·64	.....	208·01
3	208·10	211·97	211·80	210·00	207·40	207·30	207·30	207·60	207·70	207·64	.....	208·01
4	.....	212·22	211·60	209·90	207·40	207·30	207·30	207·70	207·80	207·64	.....	208·06
5	208·26	212·47	211·60	209·80	207·30	207·30	207·30	207·50	207·80	207·64	.....	207·97
6	208·43	212·64	211·80	209·70	207·30	207·40	207·20	207·55	207·90	207·64	.....	207·97
7	208·60	212·72	211·90	209·50	207·30	207·50	207·20	207·55	207·90	207·64	208·09	207·93
8	208·62	212·72	212·50	209·40	207·40	207·50	207·20	207·50	207·90	207·64	208·09	207·93
9	208·56	212·97	212·30	209·30	207·40	207·50	207·30	207·40	207·95	207·64	208·09	207·89
10	208·47	213·06	212·30	209·20	207·40	207·55	207·30	207·40	208·10	207·64	208·09	207·89
11	208·39	212·97	212·20	208·80	207·50	207·52	207·35	207·30	208·20	207·56	208·09	207·93
12	208·37	212·89	212·10	208·60	207·50	207·55	207·40	207·30	208·30	207·56	208·14	207·97
13	208·31	212·97	212·10	208·30	207·50	207·55	207·40	207·30	208·50	207·47	208·14	207·97
14	208·39	213·06	212·10	208·20	207·50	207·52	207·40	207·30	208·50	207·56	208·14	207·97
15	208·89	213·14	212·10	208·00	207·50	207·50	207·45	207·30	208·40	207·56	208·14	208·02
16	208·95	213·31	212·00	207·90	207·40	207·50	207·50	207·30	207·90	207·64	208·14	208·02
17	209·14	213·22	211·80	207·80	207·30	207·30	207·55	207·30	208·30	207·64	208·18	208·06
18	209·22	213·22	211·60	207·80	207·20	207·30	207·60	207·30	208·30	207·72	207·97	208·09
19	209·64	213·31	211·50	207·80	207·20	207·30	207·63	207·30	208·30	207·81	207·97	208·14
20	209·93	213·31	211·40	207·70	207·20	207·30	207·70	207·30	208·30	207·89	207·97	208·18
21	210·64	213·20	211·20	207·70	207·20	207·30	207·70	207·30	208·30	207·97	207·97	208·22
22	211·06	213·30	211·10	207·60	207·20	207·30	207·70	207·30	208·30	208·06	207·97	208·22
23	211·39	213·50	211·00	207·60	207·20	207·30	207·60	207·30	208·30	207·89	207·97	208·22
24	211·64	213·50	211·10	207·60	207·20	207·30	207·90	207·30	208·30	.....	207·97	208·31
25	211·93	213·40	210·80	207·60	207·20	207·30	207·90	207·30	208·30	.....	207·89	208·47
26	211·93	213·40	210·80	207·60	207·20	207·30	207·90	207·30	208·30	.....	207·89	208·64
27	211·97	213·10	210·80	207·50	207·25	207·30	208·00	207·30	208·30	.....	207·93	208·72
28	211·97	213·10	210·70	207·50	207·25	207·30	208·00	207·35	208·20	.....	207·97	208·64
29	211·89	212·80	210·70	207·50	207·25	207·30	208·05	207·35	208·10	.....	.....	208·64
30	211·85	212·60	210·60	207·50	207·25	207·30	208·00	207·35	208·20	.....	.....	208·64
31	.....	212·50	.....	207·60	207·25	.....	207·90	.....	207·80	.....	.....	208·64

Elevations above M.S.L. of Gatineau River below Chelsea, for 1907–8.

TABLE No. 278.

1	208·64	210·31	213·39	212·31	210·31	208·89	208·97	208·89	209·14	209·14	209·39	211·06
2	208·56	211·72	213·39	212·22	210·22	208·89	208·89	208·89	209·14	209·14	209·43	211·06
3	208·56	211·72	213·31	212·14	210·22	208·89	208·89	208·89	209·14	209·14	209·43	211·14
4	208·47	211·81	213·31	212·06	210·14	208·89	208·89	208·81	209·14	209·18	209·47	211·14
5	208·47	211·89	213·31	212·06	210·14	208·97	209·89	208·81	209·18	209·18	209·47	211·14
6	208·47	212·06	213·31	211·97	210·06	208·97	208·89	208·81	209·18	209·14	209·47	211·22
7	208·39	212·14	213·26	211·89	209·97	208·97	208·89	208·81	209·18	209·14	209·47	211·22
8	208·39	212·43	213·26	211·72	209·81	209·06	208·89	208·81	209·20	209·22	209·56	211·22
9	208·31	212·56	213·22	211·64	209·72	209·06	208·89	208·81	209·20	209·22	209·56	211·22
10	208·31	212·56	213·22	211·56	209·56	208·97	208·89	208·81	209·18	209·26	209·56	211·22
11	208·22	212·64	213·14	211·56	209·39	208·97	208·89	208·81	209·18	209·26	209·56	211·22
12	208·06	212·72	213·14	211·47	209·22	208·97	208·89	208·81	209·14	209·26	209·64	211·31
13	208·22	212·81	213·10	211·39	209·06	208·97	208·89	208·81	209·14	209·26	209·64	211·31
14	208·39	212·89	213·10	211·31	209·06	208·97	208·89	208·81	209·14	209·31	209·72	211·31
15	208·56	212·97	213·06	211·22	209·06	208·97	208·89	208·81	209·14	209·31	209·72	211·39
16	208·81	212·81	213·06	211·14	209·06	208·97	208·89	208·81	209·14	209·31	209·81	211·39
17	208·89	213·06	213·06	211·14	209·06	208·89	208·89	208·81	209·14	209·31	209·89	211·39
18	209·10	213·14	213·10	211·14	209·06	208·89	208·97	208·81	209·14	209·31	210·06	211·47
19	209·10	213·31	213·06	211·06	209·06	208·89	208·97	208·81	209·14	209·31	210·14	211·47
20	209·14	213·47	212·97	211·06	209·06	208·89	208·97	208·81	209·10	209·31	210·22	211·47
21	209·14	213·64	212·89	210·97	209·06	208·89	208·97	208·81	209·10	209·31	210·22	211·47
22	209·22	214·81	212·89	210·89	208·97	208·89	208·97	208·72	209·10	209·31	210·22	211·47
23	209·22	215·31	212·89	210·72	208·97	208·89	208·97	208·72	209·10	209·31	210·39	211·56
24	209·31	215·31	212·81	210·64	208·97	208·89	208·97	208·72	209·06	209·31	210·39	211·56
25	209·31	215·47	212·72	210·56	208·89	208·89	208·97	208·64	209·06	209·31	210·47	211·56
26	209·39	214·56	212·56	210·47	208·97	208·89	208·97	208·64	209·06	209·35	210·64	211·56
27	209·47	214·56	212·47	210·47	208·97	208·97	208·97	208·64	209·06	209·35	210·81	211·56
28	209·64	214·22	212·47	210·47	208·97	208·97	208·97	208·64	209·06	209·39	210·89	211·64
29	209·72	214·22	212·47	210·39	208·97	208·97	208·97	208·64	209·06	209·39	.....	211·64
30	209·97	213·64	212·39	210·31	208·89	208·97	208·97	208·56	209·06	209·39	.....	211·81
31	.....	213·64	.....	210·31	208·89	.....	208·97	.....	209·14	209·39	.....	212·06

Elevations above M.S.L. of Gatineau River below Chelsea, for 1908–9.

TABLE No. 279.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	212·22	215·24	216·30	210·64	208·81	.....	206·60	207·06	207·47	207·97	207·31	206·64
2	212·22	215·29	216·60	210·56	208·64	.....	206·60	207·06	207·56	207·97	207·31	206·64
3	212·31	215·29	216·50	210·56	207·97	.....	206·64	207·06	207·64	207·97	207·31	206·64
4	212·31	215·34	216·30	210·56	208·39	.....	206·64	207·06	207·80	207·97	207·22	206·64
5	212·39	215·40	216·69	210·47	208·14	.....	206·82	207·14	207·97	207·97	207·14	206·64
6	212·47	215·50	216·30	210·47	207·97	.....	206·82	207·14	208·14	207·97	208·10	206·64
7	212·64	215·80	216·20	210·31	207·64	206·96	206·82	207·14	208·35	207·97	208·20	206·64
8	212·72	216·20	215·60	210·22	207·56	206·96	206·82	207·14	208·39	207·89	207·14	206·64
9	212·89	216·30	215·30	210·22	207·39	206·96	206·82	207·14	208·56	207·89	207·06	206·64
10	213·06	216·20	214·90	210·14	207·39	206·96	206·82	207·14	208·64	207·89	207·06	206·64
11	213·22	216·70	214·60	210·01	207·39	206·96	206·82	207·22	208·64	207·89	206·97	206·64
12	213·22	217·10	214·30	209·81	207·39	206·96	206·82	207·22	208·64	207·89	206·97	206·64
13	213·31	216·89	213·80	209·72	207·39	206·96	206·82	207·22	208·56	207·89	206·97	206·64
14	213·47	217·14	214·30	209·64	207·39	206·96	206·82	207·22	208·39	207·81	206·89	206·64
15	213·56	217·36	214·20	209·64	207·39	206·96	206·82	207·35	208·39	207·81	206·89	206·64
16	213·72	217·50	213·90	209·64	207·39	206·96	206·82	207·35	208·39	207·72	206·89	.....
17	213·89	217·55	213·50	209·64	207·39	206·96	206·82	207·35	208·30	207·64	206·89	.....
18	213·89	217·60	213·20	209·64	207·39	206·96	206·82	207·39	208·30	207·64	206·89	.....
19	214·06	217·60	213·00	209·64	207·39	206·96	206·82	207·39	208·30	207·56	206·81	.....
20	214·22	217·60	212·70	209·64	207·39	206·96	206·89	207·39	208·22	207·56	206·81	.....
21	214·31	217·60	212·40	209·64	207·39	206·89	206·89	207·47	208·22	207·47	206·72	.....
22	214·39	217·55	212·30	209·56	207·39	206·89	206·89	207·47	208·22	207·47	206·72	.....
23	214·47	217·50	212·30	209·56	207·39	206·89	206·89	207·47	208·22	207·47	206·72	.....
24	214·56	217·70	212·30	209·56	.....	206·89	206·89	207·47	208·22	207·47	206·72	.....
25	214·64	217·70	212·20	209·56	.....	206·82	206·97	207·47	208·22	207·39	206·72	.....
26	214·81	217·70	212·10	209·56	.....	206·82	206·97	207·47	208·14	207·31	206·72	.....
27	214·97	217·60	211·80	209·39	.....	206·82	206·97	207·47	208·14	207·39	206·64	.....
28	215·22	217·50	211·50	209·39	.....	206·82	206·97	207·47	207·64	207·39	206·64	
29	215·22	217·30	.....	209·31	.....	206·82	206·97	207·56	207·64	207·31	.....	.....
30	215·22	216·70	.....	209·14	.....	206·60	206·97	207·43	207·64	207·31	.....	.....
31	.....	216·50	.....	208·97	.....	.....	206·97	.....	207·64	207·31	.....	.....

Elevations above M.S.L. of Gatineau River below Chelsea, for 1909–10.

TABLE No. 280.

1	.....	214·50	218·20	211·30	213·60	209·30	210·30	208·90	208·90	208·50	208·30	207·70
2	.....	214·70	217·90	211·30	213·30	209·30	210·30	208·80	208·90	208·50	208·30	207·70
3	.....	214·60	217·65	211·30	213·15	209·30	210·30	208·70	208·90	208·40	208·30	207·60
4	.....	214·65	217·25	211·30	212·80	209·30	210·30	208·60	208·90	208·30	208·30	207·60
5	210·60	214·50	216·65	210·90	212·65	209·50	210·30	208·55	208·90	208·10	208·30	207·60
6	211·10	214·40	216·20	210·80	212·30	209·60	210·60	208·40	209·00	208·10	208·30	207·65
7	211·50	214·40	216·10	210·80	212·10	209·90	210·80	208·30	209·00	208·10	208·30	207·70
8	212·20	214·50	215·45	210·70	211·75	210·05	210·50	208·30	209·10	208·00	208·30	208·00
9	212·70	214·50	215·10	210·70	211·45	210·10	210·50	208·30	209·30	208·00	208·30	207·90
10	213·20	214·70	214·80	210·50	211·05	210·25	210·40	208·30	209·30	208·00	208·30	207·90
11	213·80	215·50	214·30	210·30	211·10	210·10	210·30	208·30	209·30	208·00	208·30	208·00
12	214·10	215·90	214·00	210·10	211·00	210·05	210·10	208·30	209·30	208·00	208·20	208·00
13	215·00	216·15	213·40	210·00	211·00	210·00	210·00	208·30	209·30	207·90	208·15	208·00
14	215·30	216·45	213·30	209·90	211·00	210·00	209·90	208·30	209·30	207·90	207·90	208·00
15	216·10	216·65	212·90	209·90	210·95	210·10	209·70	208·30	209·30	207·90	207·80	208·00
16	216·30	217·00	212·50	209·90	210·95	210·20	209·70	208·40	209·10	207·90	207·70	208·10
17	216·60	217·40	212·50	210·10	211·00	210·30	209·65	208·40	209·10	207·90	207·70	208·00
18	.....	217·55	212·50	210·20	210·95	210·60	209·70	208·40	209·10	207·90	207·75	208·00
19	216·60	217·85	212·30	210·30	210·90	210·90	209·80	208·40	209·00	207·90	207·70	208·10
20	216·50	217·85	212·30	210·20	210·85	210·80	209·85	208·50	209·00	207·90	207·70	208·20
21	216·50	218·25	212·40	210·80	210·80	210·80	209·90	208·60	209·00	207·90	207·70	208·20
22	216·60	218·30	212·30	210·30	210·80	210·90	209·90	208·70	208·95	.....	207·70	208·90
23	216·10	218·75	212·30	210·25	210·60	210·80	209·90	208·80	208·95	208·20	207·70	209·00
24	216·00	218·85	212·30	210·60	210·50	210·80	209·90	208·80	208·90	208·20	207·70	209·10
25	215·80	218·90	212·30	211·00	210·30	210·60	209·69	208·90	208·90	208·30	207·70	209·20
26	215·70	219·00	212·30	211·80	210·20	210·30	209·30	208·80	208·90	208·30	207·70	209·70
27	214·30	218·95	212·30	212·85	210·20	210·30	209·30	208·90	208·90	208·35	207·70	210·10
28	214·30	218·95	211·80	213·45	209·90	210·30	209·20	208·90	208·70	208·40	207·65	210·80
29	214·40	218·85	211·70	214·00	209·65	210·30	209·10	208·90	208·55	208·40	.....	210·90
30	214·50	218·60	211·70	213·30	209·30	210·20	209·00	208·90	208·55	208·40	.....	211·10
31	.....	218·80	.....	213·95	209·30	.....	208·90	.....	208·50	208·30	.....	211·30

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gatineau River below Chelsea, for 1910–11.

TABLE No. 281.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	211·85	215·80	211·00	210·30	208·50	209·25	208·15	209·10	208·05	207·80	207·89	207·69
2	212·00	215·60	211·00	209·30	208·50	209·40	208·20	209·10	208·00	207·80	207·74	207·74
3	212·25	215·50	211·90	209·30	208·50	209·40	208·60	209·05	207·90	207·80	207·94	207·74
4	212·60	215·20	212·25	209·40	208·50	209·45	208·90	209·00	207·80	207·90	207·94	207·59
5	212·60	214·90	212·30	209·55	208·50	209·50	210·00	208·90	207·80	208·00	207·99	207·49
6	212·70	214·50	212·30	209·60	208·50	209·55	210·10	208·90	207·80	208·00	207·99	207·49
7	212·75	214·50	212·30	209·70	208·50	209·60	210·10	208·90	207·80	208·00	208·09	207·39
8	212·80	214·20	212·25	209·50	208·50	209·70	210·10	208·90	207·80	208·00	208·54	207·39
9	213·10	213·80	212 30	209·40	208·50	209·70	210·20	208·90	207·75	208·00	208·54	207·29
10	213·20	213·60	212·30	209·30	208·50	209·70	210·90	208·90	207·70	208·00	208·29	207·39
11	213·50	213·20	212·80	209·30	208·50	209·70	210·10	208·90	207·70	208·00	208·19	207·49
12	213·70	212·85	212·30	209·30	208·40	209·65	210·10	208·95	207·69	208·00	208·14	207·29
13	214·10	212·30	212·30	209·30	208·30	209·60	210·10	208·95	207·69	207·90	207·99	207·09
14	214·30	212·25	212·10	209·30	208·30	209·65	211·10	208·95	207·69	207·80	207·99	207·19
15	214·20	212·20	212·00	209·20	208·30	209·70	211·00	209·00	207·60	207·79	208·14	207·29
16	213·70	212·00	211·90	209·40	208·30	209·70	210·55	208·95	207·60	207·79	208·04	207·29
17	213·50	211·70	211·70	209·30	208·30	209·65	210·30	208·85	207·60	207·84	208·04	207·39
18	213·30	211·40	211·60	209·30	208·30	209·65	210·10	.....	207·69	207·84	208·04	207·39
19	213·30	211·30	211·60	209·30	208·30	209·60	209·90	208·80	207·65	207·84	207·99	207·29
20	213·20	211·10	211·60	209·30	208·30	209·60	209·70	208·80	207·70	208·09	207·94	207·29
21	213·30	211·10	211·60	209·00	208·30	209·50	209·50	208·70	207·80	208·04	207·89	207·29
22	213·80	210·95	211·50	209·00	208·20	209·45	209·30	208·70	207·80	207·89	207·84	207·29
23	214·30	210·90	211·40	209·00	208·20	209·30	209·20	208·60	207·80	207·94	207·79	207·19
24	214·60	210·90	211·30	208·90	208·25	209·30	209·20	208·45	207·75	207·89	207·94	207·09
25	214·80	210·90	210·95	208·80	208·20	209·40	209·20	208·30	207·70	207·79	207·94	207·69
26	215·00	210·80	210·60	208·75	208·20	209·30	209·30	208·30	207·70	207·79	207·79	207·29
27	215·10	211·10	210·60	208·60	208·40	208·25	209·10	208·30	207·60	207·79	207·79	207·39
28	215·30	211·10	210·50	208·50	208·60	208·20	209·10	208·20	207·55	207·69	207·74	207·49
29	215·40	210·80	210·45	208·50	208·80	208·10	209·10	208·15	207·50	207·69	.....	207·69
30	215·60	211·00	210·40	208·50	209·00	208·10	209·10	208·10	207·50	207·69	.....	207·69
31	.....	210·95	.....	208·50	209·20	.....	209·05	.....	.....	207·79	.....	207·79

Elevations above M.S.L. of Gatineau River below Chelsea, for 1911–12.

TABLE No. 282.

1	207·69	213·59	213·89	.....	208·54	208·19	207·54	207·44	208·04	208·14	208·44	207·74
2	207·69	214·79	213·89	210·74	208·44	208·29	207·49	207·54	207·89	208·14	208·04	207·74
3	207·39	215·09	213·84	210·54	208·39	208·19	207·59	207·54	207·94	208·34	208·09	207·74
4	207·19	215·29	213·79	210·39	208·29	208·14	207·59	207·54	207·79	208·34	208·04	207·74
5	207·39	215·54	213·79	210·29	208·29	208·09	207·54	207·49	207·84	208·24	207·99	207·79
6	207·69	216·09	213·84	210·24	208·24	207·99	207·54	207·49	207·84	208·24	207·94	207·74
7	208·59	216·09	213·72	210·19	208·19	208·04	207·49	207·54	207·79	208·74	207·94	207·54
8	208·99	215·94	213·69	210·14	208·09	208·04	207·44	207·54	207·79	208·64	207·99	207·39
9	208·29	215·59	213·69	209·94	208·09	208·09	207·49	207·54	207·79	208·74	208·04	207·14
10	207·99	215·59	213·69	209·79	209·59	207·99	207·49	207·64	207·84	208·84	208·14	207·14
11	208·14	215·54	213·69	209·69	209·69	207·94	207·54	207·64	208·04	208·74	208·04	207·14
12	208·39	215·29	213·69	209·64	209·79	207·89	207·49	207·64	208·69	208·64	207·94	207·64
13	208·49	215·34	213·69	209·54	210·09	207·89	207·49	207·64	208·74	208·74	207·89	207·14
14	208·99	215·29	213·69	209·49	209·99	207·69	207·49	207·64	208·74	208·64	207·69	207·04
15	209·10	214·89	213·69	209·49	209·89	207·74	207·49	207·69	208·79	208·69	207·64	207·04
16	210·99	214·79	213·59	209·39	209·59	207·69	207·54	207·74	208·84	208·74	207·54	207·04
17	210·39	214·69	213·49	209·24	209·49	207·69	207·54	207·89	208·89	208·74	207·54	206·94
18	210·29	214·54	213·39	209·19	209·44	207·64	207·54	207·74	208·94	208·69	207·54	206·94
19	210·29	213·44	213·29	209·09	209·29	207·64	207·49	207·79	208·79	208·69	207·54	207·14
20	210·39	213·64	213·09	209·04	209·19	207·59	207·54	207·89	208·84	208·74	207·54	207·14
21	210·39	213·69	212·89	208·94	209·14	207·59	207·54	207·74	208·74	208·74	207·54	207·24
22	210·39	213·74	212·59	208·99	208·89	207·64	207·44	207·61	208·59	208·64	207·59	207·34
23	210·69	213·69	212·39	209·24	208·69	207·59	207·39	207·74	208·64	208·74	207·64	207·34
24	211·09	213·69	212·29	209·19	208·54	207·59	207·29	207·74	208·59	208·74	207·64	207·29
25	211·59	213·59	212·29	209·14	208·39	207·59	207·19	207·74	208·59	208·49	207·54	207·14
26	211·94	213·99	212·09	208·89	208·29	207·59	207·19	207·89	208·54	208·24	207·54	207·14
27	212·09	214·19	211·59	208·59	208·44	207·59	207·19	207·99	208·44	208·29	207·64	207·19
28	212·39	214·29	211·29	208·64	208·39	207·59	207·19	208·14	208·24	208·34	207·69	207·24
29	212·69	214·29	211·14	208·59	208·29	207·64	207·19	208·29	208·24	208·34	207·69	207·29
30	212·89	214·19	210·99	208·59	208·29	207·59	207·29	208·19	208·24	208·34	.....	207·34
31	.....	214·09	.....	208·59	208·19	.....	207·39	.....	208·19	208·39	.....	207·34

Elevations above M.S.L. of Gatineau River below Chelsea, for 1912–13.

TABLE No. 283.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	207·29	214·49	214·69	211·89	208·30	208·14	207·89	211·09	209·79	208·49	208·29	207·69
2	207·24	214·54	214·59	211·49	208·20	208·14	207·84	210·99	209·79	208·49	208·29	207·69
3	207·24	214·64	214·49	211·09	208·04	208·19	207·89	210·94	209·79	208·54	208·29	207·64
4	207·29	214·74	214·09	210·64	208·09	208·19	207·89	210·84	209·64	208·54	208·24	207·64
5	207·34	214·49	213·84	210·54	208·14	208·24	207·94	210·69	209·54	208·49	208·14	207·64
6	207·34	214·34	213·69	210·44	208·19	208·24	207·89	210·59	209·79	208·44	208·19	207·64
7	207·74	214·09	213·64	210·34	208·19	208·14	207·84	211·09	209·94	208·34	208·09	207·64
8	208·44	214·09	213·59	210·29	208·24	208·14	207·79	211·54	209·79	208·29	208·04	207·69
9	208·64	213·94	213·24	210·14	208·34	208·19	207·74	211·94	209·54	208·34	208·04	207·69
10	208·64	213·89	213·19	210·09	208·49	208·19	207·79	211·94	209·49	208·24	208·04	207·64
11	208·64	213·84	212·99	210·04	208·53	208·24	207·79	211·94	209·34	208·19	208·09	207·59
12	208·89	214·44	212·94	210·04	208·49	208·19	207·84	211·94	209·34	208·24	208·09	207·59
13	209·04	214·69	212·79	210·09	208·34	208·09	207·89	211·94	209·39	208·34	208·04	207·54
14	209·19	214·94	212·79	210·04	208·24	208·09	207·84	211·79	209·34	208·34	207·99	207·54
15	209·49	215·04	212·89	210·04	208·39	208·09	207·84	211·59	209·34	208·39	207·99	207·59
16	210·54	215·09	212·74	209·99	208·44	208·09	207·84	211·44	209·39	208·29	207·99	207·74
17	210·94	215·54	212·69	209·99	208·54	208·04	207·99	211·39	209·19	208·19	207·89	207·89
18	211·49	215·84	212·49	209·94	208·44	207·99	208·04	211·14	208·94	208·14	207·89	208·04
19	211·79	215·84	212·44	209·94	208·24	207·94	208·14	210·84	209·04	208·24	207·89	208·39
20	212·04	215·74	212·59	209·89	208·14	207·94	208·34	210·74	209·09	208·34	207·84	208·64
21	212·29	215·49	212·64	209·54	208·04	207·89	208·59	210·59	208·94	208·39	207·84	208·84
22	212·40	215·29	212·79	209·54	207·94	207·94	208·74	210·44	209·04	208·44	207·79	208·99
23	212·89	215·04	212·49	209·34	207·84	208·09	209·19	210·19	208·94	208·44	207·79	210·24
24	213·54	214·89	212·24	209·14	207·74	208·14	209·84	210·14	208·89	208·39	207·74	211·19
25	213·69	214·74	212·24	208·94	207·64	208·19	210·14	210·14	208·69	208·39	207·74	212·14
26	213·84	214·84	212·24	208·84	207·74	208·24	210·04	210·09	208·59	208·34	207·74	212·24
27	213·99	214·99	212·19	208·64	207·89	208·14	210·94	210·04	208·79	208·34	207·74	212·29
28	214·09	215·24	212·19	208·59	207·89	208·09	211·24	209·89	208·94	208·39	207·74	212·44
29	214·24	215·29	212·14	208·54	207·94	207·99	211·29	209·84	208·59	208·34	.....	212·54
30	214·44	215·09	212·14	208·44	208·09	207·94	211·39	209·79	208·54	208·34	.....	212·54
31	.....	214·84	.....	208·44	208·14	.....	211·19	.....	208·49	208·34	.....	212·54

Elevations above M.S.L. of Gatineau River below Chelsea, for 1913–14.

TABLE No. 284.

1	212·59	216·14	211·19	208·94	208·14	207·79	208·04	211·69	211·29	208·14	207·94	207·84
2	212·59	216·19	210·94	208·89	207·99	207·79	208·04	211·39	211·29	208·29	207·94	207·84
3	212·64	216·44	210·79	208·79	207·99	207·79	208·14	211·19	211·04	208·29	207·89	207·84
4	212·64	216·39	210·69	208·69	207·94	207·74	208·09	210·89	210·79	208·14	207·74	207·59
5	212·84	216·34	210·49	208·69	207·79	207·74	207·89	210·64	210·64	207·99	207·89	207·59
6	212·84	215·94	210·44	208·54	207·74	207·69	207·69	210·54	210·59	207·89	207·94	207·59
7	212·89	215·69	210·34	208·49	207·59	207·64	207·54	210·39	210·39	207·84	208·04	207·54
8	212·94	215·39	210·34	208·44	207·54	207·64	207·54	210·19	210·39	207·84	207·99	207·49
9	212·94	215·09	210·29	208·39	207·54	207·64	207·54	210·34	210·14	207·79	207·99	207·49
10	212·94	214·94	210·24	208·24	207·49	207·59	207·44	210·49	209·99	207·74	208·04	207·49
11	212·94	214·59	210·14	208·14	207·49	207·59	207·39	210·69	209·89	207·99	208·04	207·49
12	212·99	214·39	210·14	208·19	207·34	207·54	207·34	210·89	209·69	208·04	208·14	207·49
13	213·04	214·34	210·14	208·34	207·34	207·49	207·34	211·24	209·64	208·24	208·24	207·44
14	213·04	213·89	210·09	208·39	207·29	207·44	207·29	211·59	209·19	208·29	208·34	207·49
15	213·29	213·44	209·99	208·54	207·29	207·44	207·34	211·99	208·89	208·29	208·34	207·44
16	213·44	213·19	209·94	208·54	207·24	207·29	207·39	211·94	208·64	208·34	208·24	207·44
17	213·69	212·89	209·89	208·59	207·24	207·29	207·54	211·79	208·59	208·39	208·04	207·44
18	213·74	212·64	209·74	208·74	207·24	207·24	207·64	211·69	208·44	208·39	208·04	207·44
19	213·94	212·49	200·74	208·89	207·19	207·24	207·64	211·64	208·44	208·34	207·99	207·39
20	213·94	212·24	209·69	208·79	207·14	207·19	207·79	211·59	208·29	208·29	207·99	207·29
21	213·94	212·09	209·69	208·64	207·04	207·14	207·84	211·49	208·29	208·14	208·04	207·29
22	213·99	211·94	209·64	208·59	207·04	207·49	207·94	211·24	208·34	208·09	207·94	207·29
23	213·99	211·84	209·59	208·59	207·04	207·64	208·69	211·24	208·34	208·04	207·94	207·34
24	214·04	211·69	209·54	208·54	207·14	207·74	209·19	211·24	208·29	208·04	207·99	207·34
25	214·04	211·54	209·54	208·44	207·29	207·79	209·64	211·29	208·39	208·14	207·94	207·34
26	214·14	211·49	209·59	208·29	207·44	207·84	210·19	211·29	208·44	208·19	207·94	207·39
27	214·34	211·44	209·59	208·29	207·69	207·99	210·74	211·34	208·54	208·19	207·84	207·54
28	214·49	211·44	209·49	208·29	207·84	207·99	211·19	211·34	208·39	208·14	207·84	207·54
29	214·94	211·39	209·29	208·24	207·79	207·99	211·69	211·34	208·34	208·09	.....	207·54
30	215·64	211·34	209·09	208·19	207·74	207·99	211·69	211·34	208·29	207·99	.....	207·54
31	.....	211·34	.....	208·19	207·74	.....	211·74	.....	208·14	207·94	.....	207·74

Elevations above M.S.L. of Gatineau River below Chelsea, for 1914–15.

TABLE No. 285.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	207·69	211·49	210·24	209·19	207·94	207·54	207·24	207·44	208·09	208·54	208·44	207·64
2	207·54	211·49	210·14	209·19	207·84	207·54	207·14	207·44	208·09	208·54	208·49	207·59
3	207·54	211·64	210·04	209·24	207·84	207·54	207·14	207·44	208·14	208·54	208·59	207·44
4	207·44	211·94	209·94	209·24	207·84	207·59	207·14	207·44	208·19	208·54	208·49	207·34
5	207·44	212·29	209·84	209·24	207·84	207·59	207·14	207·44	208·29	208·54	208·34	207·34
6	207·44	212·49	209·64	209·24	207·84	207·59	207·14	207·44	208·29	208·49	208·24	207·34
7	207·49	212·64	209·59	209·24	207·84	207·59	207·24	207·44	208·34	208·49	208·24	207·29
8	207·54	212·74	209·54	209·19	207·84	207·59	207·24	207·44	208·49	208·44	208·19	207·24
9	207·54	212·89	209·34	209·04	207·84	207·64	207·29	207·44	208·54	208·44	208·14	207·14
10	207·54	213·09	209·14	208·94	207·84	207·64	207·34	207·44	208·54	208·44	208·14	207·09
11	207·54	213·09	209·04	208·89	207·79	207·64	207·34	207·44	208·54	208·44	208·14	207·04
12	207·54	213·09	208·94	208·84	207·64	207·64	207·34	207·44	208·59	208·39	208·14	206·94
13	207·54	212·99	208·94	208·84	207·59	207·64	207·34	207·44	208·49	208·29	208·14	206·89
14	207·49	212·94	208·84	208·79	207·64	207·64	207·34	207·44	208·34	208·29	208·14	206·94
15	207·44	212·64	208·69	208·64	207·64	207·64	207·39	207·44	208·29	208·24	208·19	206·94
16	207·44	212·34	208·54	208·54	207·64	207·64	207·39	207·54	208·24	208·24	208·19	206·99
17	207·64	212·19	208·54	208·44	207·64	207·64	207·44	207·84	208·24	208·29	208·09	207·09
18	207·94	211·99	208·54	208·44	207·59	207·64	297·49	207·54	208·24	208·24	207·84	207·14
19	208·44	211·64	208·59	208·34	207·59	207·64	207·49	207·64	208·24	208·09	207·69	207·19
20	209·04	211·39	208·74	208·24	207·54	207·64	207·54	208·04	208·19	207·94	207·54	207·24
21	209·24	211·24	208·74	208·14	207·54	207·59	207·59	208·24	208·19	208·04	207·44	207·24
22	209·64	211·14	208·84	208·14	207·49	207·59	207·59	208·19	208·19	208·19	207·39	207·29
23	209·74	210·94	208·94	208·14	207·49	207·54	207·59	208·24	208·19	208·24	207·34	207·39
24	209·74	210·64	208·94	208·04	207·44	207·54	207·64	208·54	208·49	208·29	207·44	207·44
25	209·64	210·64	209·04	208·04	207·44	207·54	207·64	208·59	208·54	208·24	207·59	207·44
26	209·79	210·54	209·04	207·94	207·44	207·44	207·64	208·44	208·64	208·24	207·74	207·49
27	210·04	210·54	209·14	207·94	207·44	207·44	207·59	208·24	208·74	208·24	207·74	207·49
28	210·44	210·54	209·14	207·94	207·44	207·39	207·54	208·09	208·54	208·34	207·69	207·29
29	210·84	210·44	209·14	207·84	207·44	207·34	207·54	208·09	208·54	208·39	.....	207·14
30	211·24	210·44	209·14	207·84	207·44	207·34	207·49	208·09	208·54	208·44	.....	207·14
31	.....	210·34	.....	207·94	207·49	.....	207·44	.....	208·54	208·44	.....	207·14

Elevations above M.S.L. of Ottawa River at Gatineau Point, for 1906.

TABLE No. 286.

1	.....	136·78	139·28	.....	133·70	.....	137·32	135·70	133·78	.....	.....	.....
2	.....	137·03	139·03	137·03	133·78	.....	137·32	135·61	.....	.....	.....	.....
3	.....	137·11	.....	136·78	133·78	135·78	137·36	135·53	.....	.....	.....	.....
4	.....	137·28	138·53	136·53	133·86	135·86	137·28	.....	.....	.....	.....	.....
5	.....	137·53	138·36	136·28	.....	136·03	137·28	135·45	.....	.....	.....	.....
6	.....	.....	138·20	136·03	133·99	136·20	137·32	135·36	.....	.....	.....	.....
7	.....	138·28	138·20	135·78	134·03	136·28	.....	135·20	.....	.....	.....	.....
8	.....	138·28	138·70	.....	134·03	136·36	137·20	135·03	.....	.....	.....	.....
9	.....	138·53	139·70	135·28	134·11	.....	137·14	135·03	.....	.....	.....	.....
10	.....	138·78	.....	135·03	134·11	136·45	137·14	134·95	.....	.....	.....	.....
11	.....	139·28	139·28	134·78	134·20	136·45	137·20	.....	.....	.....	.....	.....
12	.....	139·53	139·28	134·53	.....	136·49	137·14	134·86	.....	.....	.....	.....
13	.....	.....	139·20	134·03	134·28	136·53	137·03	134·82	.....	.....	.....	.....
14	.....	140·28	139·20	133·78	134·36	136·61	.....	134·78	.....	.....	.....	.....
15	.....	140·28	139·11	.....	134·36	136·66	137·03	134·74	.....	.....	.....	.....
16	.....	140·36	139·11	133·28	134·49	.....	136·95	134·70	.....	.....	.....	.....
17	.....	140·53	.....	133·03	134·53	136·70	136·86	134·70	.....	.....	.....	.....
18	.....	140·53	139·03	132·78	134·70	136·78	136·82	.....	.....	.....	.....	.....
19	.....	140·61	138·78	132·53	.....	136·78	136·70	134·61	.....	.....	.....	.....
20	.....	.....	138·61	132·78	134·86	136·86	136·53	134·61	.....	.....	.....	.....
21	.....	140·53	138·53	132·86	134·95	136·95	.....	134·53	.....	.....	.....	.....
22	.....	140·28	138·45	.....	134·95	137·03	136·53	134·53	.....	.....	.....	.....
23	135·53	140·20	138·28	132·95	135·03	.....	136·53	134·49	.....	.....	.....	.....
24	136·28	140·03	.....	133·03	135·11	137·11	136·45	134·36	.....	.....	.....	.....
25	136·53	140·03	138·20	133·11	135·11	137·14	136·36	.....	.....	.....	.....	.....
26	136·78	140·11	138·03	133·28	.....	137·20	136·20	134·36	.....	.....	.....	.....
27	136·78	.....	138·03	133·45	135·28	137·20	136·11	134·20	.....	.....	.....	.....
28	136·78	139·86	138·78	133·53	135·28	137·28	.....	134·11	.....	.....	.....	.....
29	.....	139·78	138·53	.....	135·41	137·32	136·28	134·03	.....	.....	.....	.....
30	136·78	139·70	138·45	133·61	135·45	.....	136·11	133·86	.....	.....	.....	.....
31	.....	139·53	.....	133·61	.....	.....	135·95	.....	.....	.....	.....	.....

Elevations above M.S.L. of Ottawa River at East Templeton Lighthouse, for 1905–06.

TABLE No. 287.

Day.	April.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	136·16	131·96	130·66	128·16	129·06	130·76	.....	.....	132·46	131·76
2	.....	.....	135·86	131·76	130·66	128·16	129·06	130·66	.....	.....	132·46	131·76
3	.....	.....	135·56	131·36	130·56	128·16	128·96	130·76	.....	.....	132·36	131·76
4	.....	.....	135·46	131·36	.....	128·16	128·96	130·86	.....	.....	132·36	131·66
5	.....	.....	135·16	131·16	130·66	128·16	128·86	130·76	.....	.....	132·36	131·36
6	.....	.....	135·06	131·06	130·56	128·16	128·76	130·66	.....	.....	132·36	131·26
7	.....	.....	134·96	130·86	130·46	128·16	128·46	130·56	.....	.....	132·26	131·16
8	.....	134·86	134·76	130·66	130·36	128·16	128·36	130·66	.....	.....	132·26	131·06
9	.....	135·36	134·66	130·36	130·16	128·06	128·56	130·76	.....	.....	132·26	131·06
10	.....	135·86	134·66	130·26	129·76	128·16	128·86	130·66	.....	.....	132·26	131·16
11	.....	136·36	134·56	130·36	129·66	128·16	129·06	130·46	.....	.....	132·06	130·96
12	.....	136·76	134·46	130·56	129·56	128·16	128·96	130·16	.....	.....	131·96	130·86
13	.....	137·06	134·46	130·56	129·46	128·16	128·86	130·16	.....	.....	131·76	130·76
14	.....	137·16	134·46	.....	129·56	128·26	129·06	130·06	.....	129·26	131·36	130·66
15	.....	137·36	134·26	130·66	129·66	128·26	129·16	130·16	.....	129·26	131·16	130·66
16	.....	137·36	134·26	130·66	129·56	128·36	129·16	130·06	.....	129·26	130·96	130·66
17	.....	137·26	134·26	130·56	129·46	128·36	129·26	129·96	.....	129·36	130·86	130·56
18	.....	137·46	134·26	130·56	129·36	128·56	129·26	129·96	.....	129·36	130·76	130·56
19	.....	137·46	134·16	130·66	129·26	128·66	129·36	129·86	.....	129·36	130·76	130·46
20	.....	137·56	134·16	130·66	129·16	128·96	129·36	129·76	.....	129·36	130·66	130·46
21	.....	137·56	133·96	130·56	129·16	129·16	129·46	129·36	.....	129·46	130·66	130·36
22	.....	137·76	133·96	130·66	128·96	129·36	129·56	129·46	.....	129·56	130·76	130·36
23	.....	137·66	133·16	130·56	128·96	129·36	129·76	129·46	.....	129·76	130·76	130·36
24	.....	137·66	133·16	130·46	128·96	129·26	129·86	129·36	.....	130·16	130·86	130·26
25	.....	137·46	133·26	130·36	128·86	129·36	129·96	129·46	.....	131·36	130·96	130·36
26	.....	137·16	133·16	130·26	128·86	129·36	130·06	129·56	.....	131·86	131·26	130·26
27	.....	136·76	132·96	130·36	128·76	129·26	130·06	129·66	.....	131·96	131·36	130·36
28	.....	136·46	132·76	130·36	128·66	129·16	130·26	129·56	.....	132·66	131·66	130·36
29	.....	136·36	132·36	130·46	128·56	129·16	130·36	129·46	.....	132·56	.....	130·36
30	.....	136·26	132·26	130·56	128·46	129·16	130·66	129·56	.....	132·56	.....	130·46
31	.....	136·16	.....	130·56	128·26	.....	130·86	.....	.....	132·46	.....	130·46

Elevations above M.S.L. of Ottawa River at East Templeton Lighthouse, for 1906.

TABLE No. 288.

1	130·46	135·86	137·86	135·96	130·56	128·96	128·56	128·36	128·26	.....	.....	.....
2	130·56	135·86	137·76	135·86	130·46	128·76	128·66	128·36	128·26	.....	.....	.....
3	130·56	136·16	137·66	135·56	130·36	128·66	128·56	128·36	128·36	.....	.....	.....
4	130·56	136·36	137·26	135·36	130·26	128·36	128·66	128·66	128·36	.....	.....	.....
5	130·66	136·56	137·16	135·16	130·16	128·26	128·76	128·56	128·46	.....	.....	.....
6	130·76	136·76	137·16	134·96	130·16	128·16	128·76	128·56	128·46	.....	.....	.....
7	130·76	136·86	137·86	134·76	130·16	128·16	128·66	128·46	128·46	.....	.....	.....
8	130·76	137·06	137·96	134·36	130·16	128·16	128·36	128·46	128·36	.....	.....	.....
9	130·86	137·06	138·46	134·16	130·06	128·21	128·36	128·36	128·16	.....	.....	.....
10	130·86	137·46	138·06	133·96	130·06	128·06	128·26	128·36	128·16	.....	.....	.....
11	131·06	138·06	137·96	133·76	129·96	128·06	128·26	128·26	128·26	.....	.....	.....
12	131·06	138·36	137·86	133·66	129·96	128·06	128·16	128·16	128·26	.....	.....	.....
13	131·36	138·36	137·86	133·46	129·86	128·06	128·16	128·16	128·16	.....	.....	.....
14	131·66	138·56	137·86	133·16	129·76	128·06	128·26	128·16	128·26	.....	.....	.....
15	131·76	138·76	137·86	132·96	129·76	128·06	128·26	128·16	128·26	.....	.....	.....
16	131·86	138·86	137·76	132·56	129·76	128·06	128·26	128·06	128·36	.....	.....	.....
17	132·26	138·96	137·66	132·36	129·66	128·06	128·16	128·06	128·36	.....	.....	.....
18	132·46	139·06	137·66	132·16	129·66	128·06	128·06	128·16	128·46	.....	.....	.....
19	132·66	139·16	137·56	131·96	129·56	128·01	128·56	128·26	128·46	.....	.....	.....
20	133·16	139·16	137·36	131·76	129·46	128·01	128·46	128·36	128·46	.....	.....	.....
21	133·46	139·06	137·26	131·76	129·46	128·01	128·36	128·26	128·36	.....	.....	.....
22	133·96	139·06	137·16	131·46	129·46	128·01	128·26	128·16	128·36	.....	.....	.....
23	134·46	139·06	137·06	131·36	129·36	128·06	128·16	128·06	128·36	.....	.....	.....
24	135·16	138·96	136·96	131·26	129·36	128·16	128·06	128·06	128·46	.....	.....	.....
25	135·36	138·86	136·86	131·06	129·26	128·26	128·06	128·06	128·46	.....	.....	.....
26	135·56	138·76	136·86	131·06	129·36	128·36	128·06	128·16	128·46	.....	.....	.....
27	135·76	138·66	136·76	130·96	129·26	128·46	128·06	128·26	128·46	.....	.....	.....
28	135·86	138·56	136·56	130·86	129·16	128·56	128·16	128·26	128·56	.....	.....	.....
29	135·86	138·46	136·46	130·76	129·06	128·56	128·16	128·16	128·56	.....	.....	.....
30	135·76	138·26	136·36	130·66	129·06	128·56	128·26	128·16	128·56	.....	.....	.....
31	.....	138·06	.....	130·56	128·96	.....	128·26	.....	128·56	.....	.....	.....

Elevations above M.S.L. of Ottawa River at East Templeton Wharf, for 1906.

TABLE No. 289.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	135·86	137·91	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	135·95	137·70	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	136·11	137·41	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	136·32	137·03	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	136·57	136·95	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	136·81	137·41	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	137·01	137·99	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	137·31	138·41	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	137·61	138·41	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	137·91	138·24	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	138·11	138·03	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	138·51	138·03	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	138·91	137·99	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	138·91	137·99	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	138·91	137·99	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	139·11	137·91	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	139·11	137·87	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	139·11	137·74	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	139·11	137·62	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	138·91	137·49	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	139·21	137·28	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	139·21	137·16	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	139·16	137·08	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	139·11	137·08	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	135·51	139·01	136·91	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	135·61	138·91	136·83	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	135·81	138·83	136·66	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	135·81	138·66	136·49	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	135·83	138·41	136·41	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	135·83	138·28	136·24	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	137·99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Lièvre River at Poupore, above lock, for 1910–11.

TABLE No. 290.

1	438·00	439·50	436·40	435·70	434·40	434·90	435·20	.....	344·40	434·20	433·80	433·70
2	438·40	439·50	436·50	435·70	434·40	434·90	435·20	.....	434·40	434·20	433·80	433·70
3	438·60	439·50	436·60	435·60	434·40	434·80	435·20	.....	434·50	434·20	433·80	433·70
4	438·90	439·40	436·70	435·50	434·50	434·80	435·10	.....	434·50	434·20	433·80	433·70
5	439·10	439·40	436·80	435·40	434·50	434·80	435·10	.....	434·50	434·20	433·80	433·70
6	439·20	439·30	437·00	435·30	434·60	434·80	435·10	.....	434·50	434·20	433·80	433·70
7	439·40	439·20	437·20	435·30	434·60	434·80	435·00	.....	434·50	434·20	433·80	433·70
8	439·50	439·00	437·40	435·30	434·60	434·70	.....	435·10	434·50	434·30	433·80	433·60
9	439·50	438·80	437·40	435·20	434·70	434·70	435·50	435·10	431·50	434·30	433·80	433·60
10	439·80	438·60	437·40	435·20	434·80	434·60	435·70	435·10	434·50	434·30	433·80	433·60
11	439·80	438·50	437·40	435·10	434·80	434·70	436·10	435·00	434·40	434·30	433·80	433·60
12	439·70	438·40	437·50	435·10	434·80	434·80	436·00	435·00	434·40	434·20	433·80	433·60
13	439·60	438·20	437·40	435·00	434·80	434·80	436·00	434·90	434·40	434·20	433·80	433·60
14	439·40	438·20	437·30	434·90	434·80	434·70	436·00	434·90	434·40	434·20	433·70	433·60
15	439·10	438·00	437·30	434·80	434·80	434·70	435·90	434·80	434·40	434·20	433·70	433·60
16	438·80	437·80	437·20	434·80	434·80	434·70	436·10	434·80	434·40	434·20	433·70	433·50
17	438·60	437·70	437·10	434·80	434·70	434·70	435·90	434·70	434·40	434·20	433·70	433·50
18	438·40	437·50	437·00	434·80	434·60	434·70	435·70	434·70	434·30	434·20	433·70	433·50
19	438·40	437·30	436·90	434·80	434·70	.....	435·60	434·60	434·30	434·10	433·70	433·50
20	438·40	437·10	436·70	434·70	434·70	.....	435·55	434·60	434·30	434·10	433·70	433·50
21	438·50	437·00	436·60	434·60	434·80	.....	435·50	434·50	434·30	434·10	433·70	433·50
22	438·70	436·90	436·50	434·60	434·90	.....	435·50	434·50	434·20	434·10	433·70	433·50
23	438·90	436·80	436·50	434·60	435·00	.....	435·50	434·50	434·20	434·10	433·70	433·50
24	439·10	436·70	436·40	434·60	435·00	.....	435·48	434·50	434·20	434·00	433·70	433·50
25	439·30	436·60	436·30	434·60	435·10	435·40	435·40	434·50	434·20	433·90	433·70	433·50
26	439·50	436·40	436·20	434·50	435·10	435·40	435·40	434·50	434·20	433·90	433·70	433·50
27	439·60	436·30	436·10	434·40	435·10	435·40	435·40	434·50	434·20	433·80	433·70	433·50
28	439·60	436·30	436·00	434·40	435·00	435·40	435·32	434·40	434·20	433·80	433·70	433·60
29	439·60	436·20	435·90	434·40	435·00	435·30	435·28	434·40	434·20	433·80	.....	433·60
30	439·50	436·20	435·80	434·40	435·00	435·20	.....	434·40	434·20	433·80	.....	433·60
31	.....	436·30	.....	434·40	435·00	.....	.....	.....	434·20	433·80	.....	433·60

Elevations above M.S.L. of Lièvre River at Poupore, above lock, for 1911–12.

TABLE No. 291.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	433·60	439·90	438·50	436·20	434·60	434·80	434·00	434·00	435·20	435·40	434·20	433·90
2	433·60	440·30	438·40	436·10	434·60	434·70	434·00	434·00	435·20	435·20	434·20	433·90
3	433·60	440·50	438·20	436·00	434·50	434·70	434·00	434·00	435·20	435·10	434·20	433·90
4	433·76	440·70	438·20	435·90	434·50	434·70	434·10	434·00	435·20	437·80	434·20	433·80
5	433·70	440·90	438·20	435·80	434·50	434·60	434·10	434·00	435·20	434·80	434·20	433·80
6	433·80	441·00	438·20	435·70	434·40	434·60	434·30	434·00	435·20	434·70	434·20	433·80
7	434·00	440·90	438·10	435·60	434·40	434·50	434·20	434·20	435·10	434·60	434·20	433·80
8	434·10	440·80	437·90	435·50	434·40	434·40	434·20	434·20	435·10	434·50	434·20	433·80
9	434·20	440·50	437·60	435·40	434·60	434·40	434·10	434·20	435·00	434·40	434·20	433·70
10	434·40	440·30	437·40	435·40	434·90	434·40	434·10	434·20	435·00	434·40	434·20	433·70
11	434·50	440·00	437·20	435·30	435·20	434·40	434·10	434·20	435·10	434·30	434·20	433·70
12	434·60	439·80	437·20	435·20	435·50	434·60	434·10	434·30	435·50	434·30	434·20	433·70
13	434·80	439·50	437·60	435·10	435·70	434·40	434·10	434·40	435·60	434·30	434·20	433·70
14	435·00	439·70	437·60	435·00	435·80	434·30	434·10	434·50	435·80	434·30	434·20	433·70
15	435·60	439·30	437·70	435·00	435·80	434·30	434·10	434·70	435·90	434·30	434·20	433·70
16	436·00	439·10	437·90	435·00	435·80	434·30	434·10	434·80	435·90	434·30	434·20	433·70
17	436·20	438·90	438·00	434·90	435·70	434·30	434·10	434·90	436·00	434·40	434·20	433·70
18	436·20	438·70	438·10	434·90	435·70	434·20	434·10	435·00	436·10	434·40	434·10	433·60
19	436·30	438·50	438·00	434·90	435·60	434·10	434·10	434·90	436·00	434·40	434·00	433·50
20	436·50	438·20	438·00	434·80	435·60	434·10	434·10	434·90	435·80	434·30	434·00	433·50
21	436·70	438·00	437·70	434·80	435·50	434·10	434·00	434·80	435·60	434·30	434·00	433·50
22	437·00	437·80	437·40	434·90	435·40	434·00	434·00	434·80	435·40	434·30	434·00	433·50
23	437·20	437·60	437·40	434·90	435·30	434·00	434·00	434·80	435·30	434·30	434·00	433·50
24	437·30	438·16	437·40	434·90	435·30	434·00	434·00	434·90	435·20	434·30	434·00	433·50
25	437·60	438·20	437·20	434·90	435·20	434·00	434·00	434·90	435·20	434·20	434·00	433·50
26	437·90	438·40	437·00	434·90	435·20	434·00	434·00	435·00	435·20	434·20	434·00	433·50
27	438·20	438 60	436·80	434·80	435·10	434·00	434·00	435·00	435·20	434·20	434·00	433·50
28	438·90	438·70	436·60	434·80	435·00	434·00	434·00	435·00	435·30	434·20	433·90	433·50
29	439·10	438·70	436·50	434·80	435·00	434·00	434·00	435·10	436·60	434·20	433·90	433·50
30	439·40	438·70	436·40	434·70	434·80	434·00	434·00	435·10	437·00	434·20	.....	433·50
31	.....	438·60	.....	434·70	434·80	.....	434·00	.....	435·50	434·20	.....	433·50

Elevations above M.S.L. of Lièvre River at Poupore, above lock, for 1912–13.

TABLE No. 292.

1	433·40	440·60	440·80	.....	434·70	435·10	435·10	437·20	436·10	435·40	435·20	434·60
2	433·40	440·60	440·50	.....	434·60	435·10	435·10	437·20	436·00	435·50	435·20	434·60
3	433·30	440·40	440·30	.....	434·50	435·10	435·10	437·20	436·10	435·50	435·10	434·60
4	433·30	440·20	440·00	.....	434·50	435·10	435·00	437·10	436·00	435·50	435·10	434·60
5	433·30	439·70	439·70	436·00	434·40	435·00	435·00	437·00	436·20	435·40	435·10	434·50
6	433·30	439·80	439·60	435·90	434·40	435·00	434·90	437·10	436·50	435·40	435·00	434·50
7	433·60	439·60	439·60	435·80	434·30	435·10	434·90	437·50	436·70	435·40	435·00	434·40
8	434·50	439·60	439·40	435·70	434·20	435·10	434·90	437·90	436·90	435·25	434·90	434·30
9	434·80	439·50	439·30	435·70	434·10	435·10	434·80	438·20	436·80	435·10	434·90	434·30
10	434·90	439·60	439·10	435·60	434·20	435·00	434·80	438·30	436·70	435·10	434·90	434·40
11	435·30	439·40	438·80	435·60	434·40	435·20	434·80	438·40	436·55	435·20	434·90	434·50
12	435·50	439·40	438·60	435·40	434·80	435·10	434·80	438·50	436·40	435·10	434·80	434·50
13	436·30	439·60	438·50	435·40	435·10	435·10	434·80	438·40	436·30	435·00	434·80	434·60
14	435·80	440·00	438·40	435·50	435·35	435·00	434·70	438·30	436·20	435·00	434·80	434·60
15	436·20	440·30	438·20	435·50	435·50	435·00	434·70	438·10	436·20	435·00	434·80	434·60
16	436·80	440·60	438·00	435·50	435·60	435·00	434·70	437·90	436·10	435·10	434·80	434·70
17	437·60	441·00	437·90	435·50	435·40	434·90	434·60	437·70	436·10	435·20	434·70	434·70
18	438·00	441·50	437·80	435·40	435·30	434·90	434·60	437·50	436·10	435·40	434·70	434·70
19	438·40	441·60	437·70	435·40	435·20	434·80	434·75	437·40	436·10	435·40	434·70	434·90
20	438·50	441·70	437·80	435·40	435·20	434·90	434·85	437·20	436·00	435·30	434·70	435·20
21	438·80	441·40	437·80	435·40	435·00	434·90	435·00	437·00	435·90	435·20	434·60	435·70
22	439·20	441·00	437·70	435·30	434·90	434·80	435·00	437·00	435·90	435·40	434·60	436·80
23	439·90	440·60	437·50	435·20	434·80	434·80	435·30	436·90	435·80	435·30	434·60	437·00
24	440·50	440·50	437·40	435·10	434·75	434·90	435·65	436·80	435·70	435·40	434·60	437·30
25	440·50	440·50	437·10	435·00	435·00	435·00	436·00	436·70	435·70	435·40	434·60	438·40
26	440·60	440·40	437·00	434·90	435·00	435·10	436·40	436·70	435·60	435·40	434·60	438·40
27	440·80	440·40	436·80	434·90	.....	435·10	436·70	436·60	435·60	435·40	434·60	438·40
28	440·80	440·60	436·80	434·80	435·10	435·10	436·90	436·50	435·50	435·30	434·60	438·70
29	440·70	440·90	.....	434·80	435·20	435·10	437·10	436·40	435·40	435·30	.....	438·80
30	440·70	441·00	.....	434·80	435·20	435·10	437·20	436·30	435·40	435·20	.....	438·70
31	.....	441·00	.....	434·80	435·10	.....	437·30	.....	435·40	435·20	.....	438·70

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Elevations above M.S.L. of Lièvre River at Poupore, above lock, for 1913–14.

TABLE No. 293.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	438·90	441·40	436·90	434·80	434·40	434·10	434·40	437·60	436·85	434·65	434·30	434·10
2	438·90	441·70	436·70	434·80	434·30	434·10	434·40	437·50	436·65	434·60	434·30	434·10
3	438·90	441·70	436·80	434·80	434·50	434·10	434·40	437·40	436·55	434·60	434·30	434·20
4	439·00	441·60	436·70	434·80	434·50	434·20	434·40	437·25	436·50	434·50	434·30	434·20
5	438·80	441·40	436·60	434·70	434·50	434·10	434·30	437·05	436·50	434·50	434·40	434·10
6	438·80	441·20	436·60	434·70	434·30	434·10	434·20	436·85	436·40	434·50	434·40	433·95
7	438·70	440·90	436·60	434·70	434·20	434·10	434·20	436·75	436·40	434·50	434·40	433·85
8	438·60	440·70	436·60	434·50	434·10	434·10	434·20	436·65	436·35	434·50	434·40	433·80
9	438·60	440·60	436·50	434·50	434·10	434·00	434·10	436·65	436·15	434·50	434·40	433·80
10	438·60	440·30	436·40	434·50	434·10	433·90	434·10	436·90	435·95	434·50	434·30	433·80
11	438·40	440·00	436·30	434·50	434·10	433·80	434·30	437·05	435·70	434·40	434·30	433·80
12	438·50	439·70	436·20	434·40	434·20	433·80	434·30	437·15	435·35	434·50	434·20	433·80
13	438·60	439·40	436·20	434·50	434·10	433·80	434·20	437·30	435·20	434·40	434·10	433·80
14	438·60	439·10	436·10	434·60	434·00	433·80	434·30	437·40	435·20	434·40	434·10	433·80
15	438·70	438·90	435·80	434·70	433·90	433·80	434·40	437·40	435·20	434·40	434·10	433·80
16	439·00	438·60	435·80	434·70	433·80	433·80	434·55	437·25	435·30	434·40	434·10	433·90
17	439·50	438·40	435·60	434·80	433·60	433·70	434·75	437·00	435·40	434·40	433·90	433·95
18	440·00	438·20	435·70	434·90	433·70	433·60	434·80	436·80	435·40	434·30	434·10	434·15
19	440·40	437·80	435·60	435·10	433·70	433·80	434·80	436·80	435·35	434·30	434·10	434·20
20	440·50	437·60	435·50	435·10	433·70	433·80	434·90	436·80	435·30	434·30	434·20	434·30
21	440·50	437·40	435·50	435·00	433·60	433·70	435·05	436·65	435·30	434·30	434·20	434·00
22	440·40	437·40	435·50	434·90	433·60	434·00	435·25	436·45	435·15	434·30	434·20	434·00
23	440·30	437·40	435·40	434·80	433·70	434·20	435·50	436·60	435·10	434·35	434·20	433·90
24	440·10	437·10	435·40	434·80	433·80	434·30	436·00	436·50	434·95	434·30	434·15	433·90
25	440·10	437·00	435·30	434·70	433·70	434·30	436·85	436·60	434·85	434·30	434·10	433·90
26	440·10	436·90	435·20	434·70	433·70	434·30	437·30	436·60	435·15	434·30	434·10	433·90
27	440·10	436·90	435·10	434·60	433·80	434·40	437·65	436·85	435·15	434·30	434·10	434·05
28	440·60	437·10	434·90	434·50	433·90	434·40	437·80	437·05	435·20	434·30	434·10	434·15
29	440·80	437·30	434·90	434·50	433·90	434·40	437·90	437·00	435·05	434·30	.....	434·20
30	441·10	437·20	434·80	434·50	433·90	434·40	437·80	437·00	434·85	434·40	.....	434·25
31	.....	436·90	.....	434·40	433·90	.....	437·70	.....	434·65	434·30	.....	434·30

Elevations above M.S.L. of Lièvre River at Poupore, above lock, for 1914–15.

TABLE No. 294.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	434·40	437·50	435·80	435·20	434·40	433·80	433·70	434·60	435·00	434·40	434·10	434·20
2	434·50	437·50	435·80	435·30	434·30	433·90	433·60	434·70	435·15	434·40	434·20	434·10
3	434·60	437·50	435·80	435·30	434·20	433·90	433·60	434·70	435·40	434·30	434·20	434·10
4	434·60	437·40	435·80	435·30	434·20	433·75	433·60	434·80	435·60	434·30	434·15	434·10
5	434·60	437·40	435·80	435·30	434·10	433·80	433·60	434·70	435·60	434·30	434·10	434·10
6	434·60	437·30	435·70	435·20	433·90	433·95	433·60	434·70	435·60	434·40	434·20	434·10
7	434·65	437·60	435·50	435·20	433·90	434·05	433·60	434·80	435·60	434·50	434·10	434·05
8	434·70	437·70	435·40	435·05	433·90	434·10	433·60	434·80	435·75	434·60	434·10	434·00
9	434·70	437·70	435·40	434·85	433·80	434·20	433·60	434·90	435·60	434·55	434·05	434·00
10	434·55	437·75	435·40	434·80	433·80	434·20	433·75	434·90	435·60	434·60	434·10	434·00
11	434·35	437·70	435·30	434·80	433·80	434·30	433·95	434·90	435·45	434·55	434·10	433·90
12	434·40	437·65	435·30	434·80	433·70	434·30	434·10	434·90	435·40	434·60	434·05	433·90
13	434·30	437·55	435·20	434·70	433·70	434·30	434·10	435·00	435·25	434·60	434·00	433·90
14	434·20	437·40	435·10	434·70	434·05	434·30	433·95	434·90	435·15	434·60	434·00	433·90
15	434·20	437·35	435·00	434·60	434·00	434·30	433·85	434·90	435·10	434·60	434·00	433·90
16	434·30	437·25	435·00	434·45	433·80	434·20	434·00	435·00	435·00	434·50	434·00	433·90
17	434·50	437·00	434·90	434·50	433·80	434·20	434·05	435·00	434·85	434·50	434·00	433·90
18	434·70	436·65	434·90	434·50	433·80	434·25	434·20	435·00	434·80	434·60	433·90	433·90
19	435·20	436·60	434·90	434·40	433·80	434·15	434·30	435·00	434·75	434·60	433·90	435·90
20	435·60	436·55	434·90	434·40	434·00	434·05	434·30	435·10	434·65	434·60	433·90	433·85
21	436·20	436·45	434·90	434·40	434·10	434·00	434·30	435·20	434·60	434·50	433·90	433·80
22	436·55	436·40	434·90	434·40	434·10	434·00	434·20	435·25	434·60	434·45	433·90	433·80
23	436·60	436·40	434·90	434·40	434·20	433·80	434·35	435·25	434·55	434·40	433·90	433·90
24	436·60	436·40	434·90	434·50	434·30	433·70	434·50	435·20	434·50	434·40	433·95	434·00
25	436·75	436·05	435·00	434·60	434·20	433·70	434·50	435·20	434·45	434·40	434·05	434·00
26	436·95	435·95	435·10	434·60	434·05	433·80	434·50	435·20	434·45	434·40	434·20	434·00
27	437·20	436·05	435·20	434·50	434·30	433·90	434·50	435·20	434·60	434·30	434·30	434·00
28	437·35	436·00	435·20	434·50	434·20	433·80	434·40	435·20	434·60	434·30	434·30	434·00
29	437·50	435·90	435·30	434·40	434·10	433·80	434·40	435·10	434·50	434·20	.....	434·00
30	437·60	435·90	435·30	434·40	433·95	433·80	434·50	435·10	434·45	434·20	.....	434·00
31	.....	435·85	.....	434·40	433·85	.....	434·50	.....	434·50	434·20	.....	433·90

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1909–10.

TABLE No. 295.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·40	425·90	424·90
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·30	425·90	424·90
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·20	425·90	424·90
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·10	425·90	424·90
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·00	425·90	424·90
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·00	425·90	424·90
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·00	426·10	424·90
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·00	426·30	424·70
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·00	426·40	424·50
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	425·00	426·40	425·40
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	424·90	426·20	425·40
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	424·90	426·20	425·40
13	.....	.....	.....	.....	.....	.....	.....	.....	426·20	424·90	426·20	425·40
14	.....	.....	.....	.....	.....	.....	.....	.....	426·20	424·90	426·10	425·40
15	.....	.....	.....	.....	.....	.....	.....	.....	426·20	424·90	425·90	425·30
16	.....	.....	.....	.....	.....	.....	.....	.....	426·20	424·90	425·70	425·20
17	.....	.....	.....	.....	.....	.....	.....	.....	426·10	424·90	425·70	425·20
18	.....	.....	.....	.....	.....	.....	.....	.....	426·10	424·90	425·50	425·20
19	.....	.....	.....	.....	.....	.....	.....	.....	426·10	424·90	425·40	425·20
20	.....	.....	.....	.....	.....	.....	.....	.....	426·10	424·90	425·40	426·20
21	.....	.....	.....	.....	.....	.....	.....	.....	426·10	425·20	425·30	426·40
22	.....	.....	.....	.....	.....	.....	.....	.....	426·10	425·90	425·20	426·60
23	.....	.....	.....	.....	.....	.....	.....	.....	426·10	425·90	425·20	426·90
24	.....	.....	.....	.....	.....	.....	.....	.....	426·00	426·00	425·10	427·40
25	.....	.....	.....	.....	.....	.....	.....	.....	426·00	426·00	424·90	427·90
26	.....	.....	.....	.....	.....	.....	.....	.....	426·00	426·00	424·90	428·00
27	.....	.....	.....	.....	.....	.....	.....	.....	425·90	426·00	424·90	428·20
28	.....	.....	.....	.....	.....	.....	.....	.....	425·90	426·00	424·90	428·30
29	.....	.....	.....	.....	.....	.....	.....	.....	425·70	426·00	.....	429·00
30	.....	.....	.....	.....	.....	.....	.....	.....	425·60	426·00	.....	429·20
31	.....	.....	.....	.....	.....	.....	.....	.....	425·40	425·90	.....	430·00

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1910–11.

TABLE No. 296.

1	431·30	434·00	428·10	426·70	435·30	426·30	426·00	.....	425·70	425·50	425·30	425·20
2	432·00	433·90	428·30	426·60	425·40	426·30	426·20	.....	425·80	425·50	425·30	425·20
3	432·40	433·90	428·50	426·60	425·40	426·20	426·20	.....	425·90	425·50	425·30	425·20
4	432·90	433·80	428·70	426·30	435·50	426·10	426·30	.....	425·90	425·50	425·30	425·20
5	433·10	433·80	429·00	426·10	425·50	426·10	426·90	.....	425·90	425·50	425·30	425·20
6	433·30	433·50	429·40	426·00	425·60	426·00	427·40	.....	425·90	425·50	425·30	425·20
7	433·50	433·40	429·60	425·90	425·60	426·00	427·70	.....	425·90	425·50	425·30	425·20
8	433·70	433·00	429·60	425·90	425·60	425·90	427·80	426·50	425·90	425·60	425·30	425·10
9	433·80	432·70	429·70	425·80	425·60	425·90	427·90	426·50	425·90	425·70	425·30	425·10
10	434·30	432·40	429·70	425·60	425·80	425·80	428·10	426·50	435·90	425·70	425·30	425·10
11	434·30	432·10	429·80	425·50	425·90	425·90	428·40	426·40	425·80	425·70	425·30	425·10
12	434·20	431·70	429·90	425·50	426·00	426·20	428·20	426·40	425·80	425·60	425·30	425·10
13	434·00	431·50	429·80	425·40	426·00	426·20	428·20	426·30	425·70	425·60	425·30	425·10
14	433·60	431·50	429·50	425·30	425·90	426·10	428·20	426·30	425·70	425·60	425·20	425·10
15	433·20	431·50	429·50	425·20	425·90	426·10	428·10	426·20	425·70	425·60	425·20	425·10
16	432·70	430·80	429·30	425·10	425·90	426·10	428·30	426·10	425·70	425·60	425·20	425·10
17	432·30	430·50	429·10	425·10	425·80	426·10	428·00	426·10	425·70	425·60	425·20	425·10
18	432·00	430·20	428·90	425·10	425·70	426·00	427·60	426·10	425·60	425·60	425·20	425·10
19	432·00	429·70	428·70	425·00	425·80	425·90	427·40	426·00	425·60	425·50	425·20	425·10
20	432·00	429·50	428·40	425·00	425·80	425·80	427·30	425·90	425·60	425·40	425·20	425·10
21	432·20	429·30	428·30	424·90	425·90	425·80	427·20	425·80	425·60	425·40	425·20	425·10
22	432·40	429·10	428·10	424·90	426·10	425·80	427·10	425·80	425·60	425·40	425·20	425·10
23	432·80	428·90	428·00	424·80	426·40	425·80	427·00	425·80	425·60	425·40	425·20	425·10
24	433·20	428·70	427·80	424·80	426·40	425·70	426·90	425·80	425·60	425·40	425·20	425·10
25	433·60	428·60	427·70	424·80	426·50	425·70	426·80	425·80	425·60	425·40	425·20	425·10
26	433·90	428·40	427·70	424·80	426·60	425·70	426·80	425·80	425·60	425·40	425·20	425·10
27	434·00	428·10	427·50	424·80	426·60	425·80	426·80	425·80	425·50	425·40	425·20	425·10
28	434·00	428·10	427·30	425·00	426·50	425·80	426·75	425·70	425·50	425·40	425·20	.....
29	434·00	428·00	427·00	425·10	426·50	425·80	426·70	425·70	425·50	425·40	.....	.....
30	434·00	428·00	426·80	425·20	426·40	425·80	.....	425·70	425·50	425·40	.....	.....
31	.....	428·00	.....	425·20	426·40	.....	.....	.....	425·50	425·30	.....	.....

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1911–12.

TABLE No. 297.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	424·90	434·70	432·30	428·00	425·80	426·00	424·80	424·60	426·60	427·70	427·70	425·40
2	424·90	435·30	432·20	427·80	425·70	425·90	424·80	424·60	426·60	427·50	427·70	425·40
3	424·90	435·70	431·90	427·70	425·60	425·90	424·80	424·60	426·60	427·30	427·70	425·30
4	424·40	436·10	431·70	427·50	425·60	425·90	425·00	424·60	426·60	427·20	427·40	425·20
5	424·40	436·40	431·60	427·40	425·50	425·80	425·00	424·60	426·60	426·90	427·20	425·20
6	424·80	436·60	431·60	427·40	425·50	425·80	425·20	424·60	426·60	426·70	426·90	425·20
7	425·20	436·40	431·40	427·30	425·40	425·70	425·00	425·10	426·50	426·60	426·80	425·20
8	425·40	436·20	431·20	427·20	425·40	425·50	425·00	425·10	426·30	426·50	426·80	425·20
9	425·70	435·70	430·70	427·10	425·80	425·40	424·90	425·10	426·20	426·40	426·80	425·10
10	426·00	435·40	430·30	427·00	426·40	425·40	424·80	425·10	426·20	426·30	426·70	425·10
11	426·20	435·00	429·90	426·80	426·60	425·40	424·80	425·10	426·40	426·30	426·50	425·10
12	426·20	434·60	429·80	426·60	427·40	425·60	424·70	425·40	427·40	426·20	426·40	425·10
13	426·80	434·30	430·50	426·50	427·60	425·40	424·70	425·50	427·60	426·10	426·30	425·10
14	427·20	434·00	430·40	426·30	427·70	425·20	424·70	425·60	427·80	426·90	426·00	425·10
15	428·20	433·70	430·60	426·20	427·70	425·20	424·70	425·90	428·00	427·90	425·80	425·10
16	428·90	433·40	430·90	426·10	427·70	425·20	424·70	426·10	428·20	427·90	425·80	425·10
17	428·90	433·00	431·10	426·10	427·40	425·20	424·70	426·30	428·20	427·90	425·80	425·10
18	429·20	432·60	431·20	426·00	427·40	425·10	424·70	426·40	428·40	427·90	425·80	425·00
19	429·20	432·20	431·00	425·90	427·30	425·00	424·70	426·20	427·90	428·10	425·60	424·90
20	429·40	431·80	431·00	425·90	427·10	425·00	424·70	426·10	427·30	428·10	425·50	424·90
21	429·60	431·40	430·40	425·90	427·00	424·80	424·70	426·00	427·00	428·10	425·40	424·90
22	429·80	430·90	430·10	426·10	427·00	424·80	424·70	426·00	426·80	428·10	425·40	424·90
23	430·10	430·60	430·10	426·20	426·90	424·80	424·70	426·00	426·60	428·00	425·40	424·90
24	430·20	431·40	429·90	426·20	426·80	424·80	424·70	426·10	426·40	428·00	425·40	424·90
25	430·60	431·60	429·60	426·20	426·70	424·80	424·70	426·20	426·40	427·90	425·40	424·90
26	431·20	432·00	429·40	426·10	426·60	424·80	424·60	426·30	426·40	427·90	425·40	424·90
27	431·80	432·30	428·90	426·10	426·40	424·80	424·60	426·30	426·40	427·90	425·40	424·90
28	431·90	432·60	428·60	426·00	426·40	424·80	424·60	426·30	426·70	427·90	425·40	424·90
29	433·40	432·60	428·40	426·00	426·30	424·80	424·60	426·50	427·40	427·90	425·40	424·90
30	434·00	432·60	428·30	426·00	426·00	424·80	424·60	426·50	427·70	427·90	.....	424·90
31	.....	432·50	.....	425·90	426·00	.....	424·60	.....	427·90	427·70	.....	424·80

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1912–13.

TABLE No. 298.

1	424·70	435·90	436·30	428·40	425·80	426·80	427·30	430·50	428·00	427·30	427·30	425·70
2	424·60	435·80	435·80	428·20	425·60	426·80	427·20	430·40	427·90	427·40	427·20	425·80
3	424·60	435·40	435·30	428·10	425·50	426·80	427·20	430·20	428·10	427·40	427·10	425·80
4	424·60	435·20	434·90	428·00	425·40	426·80	427·10	430·10	428·00	427·30	427·10	425·80
5	424·60	434·50	434·50	427·90	425·30	426·70	427·00	430·00	428·20	427·30	427·10	425·80
6	424·60	434·60	434·20	427·80	425·20	426·70	426·90	430·00	428·60	427·30	427·10	425·30
7	424·90	434·20	434·10	427·70	425·10	426·80	426·90	431·15	429·10	427·20	426·85	425·30
8	426·40	434·10	433·90	427·50	425·00	426·80	426·80	431·70	429·30	427·10	426·50	425·20
9	426·90	433·90	433·70	427·40	424·90	426·80	426·70	432·20	429·20	426·90	426·40	425·20
10	427·00	434·00	433·30	427·30	425·00	426·70	426·70	432·40	429·00	427·20	426·30	425·20
11	427·40	433·80	432·80	427·30	425·20	427·00	426·70	432·60	428·70	427·45	426·30	425·30
12	427·90	433·80	432·50	427·00	425·90	426·90	426·70	432·80	428·50	427·50	426·20	425·30
13	428·40	434·10	432·30	427·00	426·60	426·80	426·70	432·20	428·15	427·50	426·20	425·30
14	428·60	433·70	432·00	427·00	427·00	426·70	426·60	431·90	428·10	427·50	426·20	425·40
15	429·40	434·30	431·60	427·10	427·40	426·70	426·60	431·50	428·10	427·40	426·10	425·50
16	430·50	435·60	431·30	427·10	427·50	426·60	426·50	431·10	428·00	427·50	426·10	425·60
17	431·50	436·40	431·20	427·10	427·30	426·50	426·40	430·70	428·10	427·60	426·10	425·60
18	432·20	437·20	430·80	427·00	427·10	426·50	426·40	430·40	428·00	427·70	426·00	425·60
19	432·40	437·40	430·80	426·90	426·85	426·40	426·55	430·30	428·00	427·65	425·90	425·80
20	432·40	437·60	430·90	426·90	426·65	426·50	426·60	429·90	427·90	427·60	425·90	427·10
21	432·80	437·20	430·90	426·95	426·40	426·50	426·70	429·60	427·90	427·50	425·80	428·15
22	433·40	436·60	430·80	426·90	426·30	426·40	426·70	429·50	427·90	427·70	425·80	430·95
23	434·60	436·00	430·50	426·70	426·10	426·40	427·05	429·40	427·70	427·60	425·70	431·25
24	435·60	435·80	430·30	426·70	425·90	426·50	427·70	429·30	427·70	427·70	425·70	432·00
25	435·50	435·80	430·00	426·50	426·20	426·60	428·70	429·10	427·70	427·70	425·70	434·40
26	435·80	435·60	429·90	426·30	426·40	426·70	429·20	429·00	427·70	427·70	425·70	434·40
27	436·10	435·60	429·80	426·20	426·50	426·80	428·75	428·80	427·60	427·60	425·70	434·40
28	436·10	435·90	429·80	426·10	426·70	427·20	430·00	428·60	427·50	427·50	425·70	435·00
29	436·00	436·50	428·80	426·00	426·90	427·40	430·60	428·40	427·40	427·40	.....	435·10
30	436·00	436·60	428·60	425·90	426·80	427·40	430·70	428·30	427·30	427·40	.....	434·80
31	.....	436·60	.....	425·90	426·80	.....	430·70	.....	427·30	427·30	.....	434·70

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1913–14.

TABLE No. 299.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	435·30	437·30	429·40	425·90	425·40	424·70	425·60	430·80	429·55	426·50	426·30	425·60
2	434·90	437·70	429·00	425·90	425·30	424·90	425·60	430·65	429·45	426·35	426·30	425·50
3	434·80	437·80	429·10	425·90	425·30	425·00	425·60	430·50	429·25	426·25	426·20	425·50
4	434·80	437·60	429·10	425·90	425·40	425·10	425·50	430·40	429·05	426·10	426·20	425·40
5	434·70	437·40	429·00	425·90	425·40	425·10	425·40	430·00	428·85	426·05	426·20	425·20
6	434·60	437·00	429·00	425·80	425·30	425·10	425·40	429·75	428·70	426·00	426·20	424·90
7	434·40	436·60	428·90	425·80	425·10	425·00	425·30	429·60	428·70	426·00	426·20	424·80
8	434·30	436·20	428·80	425·70	424·90	425·00	425·20	429·40	428·70	426·00	426·30	424·80
9	434·10	435·90	428·70	425·60	424·80	424·90	425·10	429·30	428·55	425·90	426·30	424·70
10	432·90	435·40	428·50	425·60	424·80	424·80	425·10	429·75	428·35	425·90	426·20	424·55
11	432·60	435·00	428·40	425·60	424·80	424·70	425·10	429·90	428·10	425·90	426·10	424·45
12	432·50	434·40	428·40	425·60	424·90	424·60	425·20	430·05	427·80	426·00	426·00	424·40
13	432·40	433·90	428·30	425·60	424·80	424·60	425·25	430·20	427·60	425·80	425·90	424·40
14	432·50	433·90	428·00	425·60	424·80	424·40	425·35	430·40	427·30	425·80	425·80	424·40
15	432·70	432·90	427·60	425·70	424·70	424·30	425·50	430·50	427·30	425·80	425·80	424·40
16	433·40	432·40	427·60	425·90	424·60	424·30	425·75	430·40	427·40	425·80	425·80	424·50
17	433·90	432·20	427·40	426·10	424·40	424·20	426·10	430·20	427·40	425·70	425·70	424·50
18	434·70	431·60	427·30	426·10	424·30	424·10	426·30	429·90	427·30	425·70	425·80	424·75
19	435·40	431·10	427·20	426·40	424·20	424·30	426·30	429·75	427·30	425·60	425·80	424·70
20	435·60	430·60	427·10	426·60	424·20	424·10	426·50	429·70	427·30	425·60	425·90	424·90
21	435·70	430·40	427·00	426·60	424·20	424·10	426·80	429·65	427·05	425·75	425·70	425·00
22	435·60	430·20	427·00	426·50	424·10	424·90	426·95	429·50	426·80	425·75	425·70	424·95
23	435·40	430·20	426·90	426·20	424·10	425·10	427·40	429·40	426·60	425·70	425·70	424·80
24	435·20	429·70	426·80	426·10	424·30	425·20	428·10	429·55	426·45	425·70	425·65	424·80
25	435·10	429·60	426·70	426·00	424·20	425·30	429·95	429·65	426·50	425·70	425·60	424·90
26	435·10	429·50	426·60	426·00	424·20	425·40	430·35	429·95	426·90	425·70	425·60	424·95
27	435·10	429·40	426·40	425·80	424·40	425·50	431·00	430·25	427·25	425·70	425·60	425·25
28	435·50	429·80	426·20	425·70	424·50	425·60	431·20	430·10	427·15	425·85	425·60	425·65
29	436·30	429·90	426·20	425·70	424·50	425·70	431·40	429·80	427·00	425·95	.....	425·85
30	436·70	429·70	426·00	425·50	424·50	425·80	431·40	429·70	426·85	426·25	.....	425·90
31	.....	429·40	.....	425·40	424·50	.....	431·00	.....	426·75	426·30	.....	426·00

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1914–15.

TABLE No. 300.

1	425·80	430·50	427·60	427·20	425·40	424·40	423·90	425·65	426·95	426·80	426·10	426·20
2	425·90	430·50	427·40	427·20	425·30	424·40	423·80	425·80	427·15	426·70	426·20	426·10
3	425·90	430·50	427·40	427·20	425·25	424·85	423·80	425·90	427·35	426·65	426·20	426·00
4	425·90	430·40	427·40	427·20	424·95	423·95	423·80	426·00	427·65	426·50	426·15	426·00
5	425·80	430·30	427·40	427·35	424·75	423·65	423·80	425·90	427·70	426·50	426·10	425·90
6	425·80	430·20	427·30	427·10	424·60	424·05	423·90	425·90	427·70	426·75	426·00	425·90
7	425·80	430·60	427·20	427·00	424·60	424·15	423·95	426·00	427·75	427·05	426·00	425·85
8	425·90	430·70	427·00	426·85	424·60	424·55	424·10	426·10	427·90	426·95	426·00	425·80
9	425·90	430·75	427·00	426·65	424·55	424·65	424·15	426·20	427·75	426·75	425·90	425·70
10	425·60	430·85	426·90	426·60	424·45	424·70	424·30	426·30	427·65	426·55	425·85	425·70
11	425·30	430·80	426·65	426·55	424·40	424·85	424·40	426·30	427·55	426·50	425·80	425·70
12	425·20	430·75	426·40	426·40	424·30	424·95	424·55	426·35	427·50	426·75	425·70	425·60
13	425·20	430·65	426·30	426·25	424·20	425·00	424·65	426·40	427·35	426·90	425·70	425·60
14	425·05	430·40	426·20	426·20	424·65	425·00	424·60	426·30	427·15	427·00	425·70	425·50
15	425·05	430·35	426·10	425·85	424·70	425·00	424·50	426·40	426·85	427·00	425·65	425·50
16	425·20	430·25	426·10	425·80	424·45	425·00	424·70	426·50	426·65	426·90	425·60	425·50
17	425·50	429·95	426·10	425·70	424·30	425·00	424·90	426·50	426·55	426·85	425·60	425·50
18	425·90	429·60	426·20	425·60	424·20	424·95	425·10	426·35	426·45	426·70	425·50	425·50
19	426·65	429·30	426·30	425·50	424·20	424·75	425·35	426·30	426·35	426·80	425·50	425·40
20	427·60	429·05	426·25	425·50	424·50	424·65	425·40	426·55	426·25	426·80	425·45	425·40
21	428·20	428·75	426·30	425·50	424·70	424·60	425·40	426·75	426·40	426·70	425·40	425·40
22	428·50	428·45	426·30	425·45	424·80	424·50	425·30	426·90	426·40	426·60	425·40	425·40
23	428·75	428·40	426·30	425·60	424·90	424·25	425·40	427·00	426·40	426·45	425·40	425·55
24	428·95	428·40	426·45	425·90	425·25	424·15	425·55	427·00	426·40	426·40	425·45	425·70
25	429·25	428·15	426·65	426·10	425·20	424·00	425·60	427·00	426·50	426·40	425·95	425·80
26	429·75	428·05	426·80	426·00	424·95	424·10	425·70	427·00	426·55	426·40	426·25	425·90
27	430·05	427·95	426·80	425·90	425·15	424·10	425·60	427·00	426·70	426·30	426·40	425·90
28	430·35	427·85	427·05	425·75	424·95	424·00	425·60	426·90	426·75	426·25	426·30	425·90
29	430·50	427·85	427·20	425·60	424·85	424·00	425·45	426·75	426·90	426·20	.....	425·90
30	430·60	427·75	427·20	425·50	424·75	424·00	425·50	426·70	426·90	426·20	.....	425·90
31	.....	427·65	.....	425·40	424·60	.....	425·60	.....	426·80	426·20	.....	425·80

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of South Nation River at Plantagenet, for 1910–11.

TABLE No. 301

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	149·50	147·70	147·00	145·70	145·70	145·70	145·70	145·90	146·00	145·50	145·50	145·60
2	149·00	147·50	147·20	145·60	145·70	145·60	145·70	145·80	146·00	145·50	145·50	145·60
3	148·80	147·80	147·20	145·80	145·70	145·70	145·70	145·80	145·90	145·50	145·50	145·50
4	148·30	148·70	147·10	145·90	146·00	145·80	145·70	145·80	145·90	145·50	145·50	145·50
5	148·10	148·40	147·00	145·80	146·20	145·70	145·80	145·80	145·80	145·50	145·50	145·50
6	147·90	147·90	146·80	145·70	146·10	146·30	146·20	145·90	145·80	145·50	145·50	145·50
7	148·00	147·60	146·80	145·80	146·00	147·00	147·50	145·90	145·70	145·50	145·50	145·50
8	147·90	147·40	146·80	145·80	145·90	146·90	147·30	145·90	145·70	145·50	145·50	145·50
9	147·70	147·20	146·80	145·80	145·80	146·60	146·90	145·80	145·60	145·50	145·50	145·50
10	147·60	147·00	146·50	145·70	146·00	146·30	146·50	145·80	145·60	145·50	145·50	145·60
11	147·50	146·90	146·40	145·90	146·10	146·10	146·40	145·90	145·60	145·50	145·50	145·60
12	147·40	146·80	146·30	146·00	146·10	146·00	146·30	146·00	145·60	145·50	145·50	145·60
13	147·30	146·80	146·30	146·00	146·10	145·90	146·10	146·10	145·50	145·50	145·50	145·60
14	147·20	146·80	146·20	146·00	146·10	145·80	146·00	146·20	145·50	145·50	145·50	145·60
15	147·10	146·70	146·20	145·90	145·90	145·80	146·00	146·20	145·50	145·50	145·50	145·70
16	146·90	146·60	146·10	145·90	145·90	145·70	146·00	146·20	145·50	145·50	145·50	145·80
17	146·80	146·50	146·10	145·80	145·80	145·70	145·90	.....	145·50	145·50	145·50	145·70
18	147·30	146·50	146·20	145·70	145·90	145·70	145·90	146·10	145·50	145·50	145·50	145·80
19	148·10	146·40	146·10	145·60	146·10	145·60	145·80	146·00	145·50	145·50	145·50	145·80
20	148·70	146·40	146·10	145·60	146·10	145·60	145·80	145·90	145·50	145·50	145·50	145·90
21	149·00	146·40	146·00	145·60	146·00	145·60	145·70	145·80	145·50	145·50	145·50	145·90
22	148·60	146·40	146·00	145·60	145·90	145·60	145·70	145·70	145·50	145·50	145·50	146·00
23	148·10	146·40	145·90	145·60	145·90	145·60	145·80	145·70	145·50	145·50	145·50	146·10
24	147·60	146·40	145·90	145·60	146·20	145·60	145·70	145·60	145·50	145·50	145·50	146·10
25	147·50	146·60	145·80	145·70	146·40	145·60	145·70	145·80	145·50	145·50	145·50	146·10
26	148·00	146·50	145·80	145·70	146·20	145·60	145·70	145·80	145·50	145·50	145·50	146·10
27	149·30	146·70	145·80	145·70	146·00	145·60	145·80	145·90	145·50	145·50	145·60	146·20
28	148·70	146·60	145·70	146·00	145·90	145·60	145·90	145·80	145·50	145·50	145·60	146·20
29	148·20	146·50	145·70	146·00	145·90	145·60	146·00	145·70	145·50	145·50	.....	146·90
30	147·80	146·70	145·70	145·90	145·80	145·60	146·00	145·80	145·50	145·50	.....	148·00
31	.....	146·90	.....	145·70	145·70	.....	145·90	.....	145·50	145·50	.....	148·30

Elevations above M.S.L. of South Nation River at Plantagenet, for 1911–12.

TABLE No. 302

1	148·40	147·60	146·20	145·80	145·60	145·70	145·80	145·90	146·20	146·90	145·70	145·60
2	148·40	147·80	146·30	145·80	145·60	145·70	145·70	145·70	146·30	146·70	145·60	145·60
3	148·20	148·00	146·20	145·80	145·60	145·80	145·70	145·70	146·30	146·40	145·60	145·60
4	148·00	147·90	146·20	145·90	145·60	145·70	145·70	145·70	146·30	146·30	145·60	145·60
5	147·70	147·60	146·10	145·90	145·60	145·60	145·70	145·60	146·30	146·20	145·60	145·60
6	147·90	147·40	146·10	145·80	145·60	145·70	145·70	145·70	146·30	146·20	145·60	145·60
7	150·00	147·20	146·00	145·80	145·50	145·80	145·70	145·80	146·30	146·20	145·60	145·60
8	152·70	147·00	146·10	145·70	145·60	145·70	145·70	145·80	146·30	146·20	145·60	145·60
9	154·60	146·80	146·00	145·70	145·60	145·70	145·70	145·80	146·30	146·00	145·60	145·60
10	155·90	146·70	146·10	145·70	145·70	145·70	145·70	145·80	147·00	145·90	145·70	145·60
11	156·90	146·70	146·10	145·70	145·70	145·70	145·60	145·90	147·60	145·90	145·60	145·70
12	158·50	146·70	146·30	145·70	145·70	145·80	145·60	146·00	149·60	145·80	145·60	145·70
13	159·30	146·60	147·10	145·60	145·70	145·80	145·60	146·00	149·80	145·80	145·70	145·70
14	158·70	146·50	147·40	145·60	145·60	145·70	145·60	146·00	149·80	145·70	145·70	145·70
15	158·00	146·30	147·20	145·60	145·60	145·70	145·60	146·00	148·60	145·70	145·60	145·70
16	157·50	146·20	147·00	145·60	145·60	145·90	145·60	146·00	148·20	145·70	145·60	145·70
17	156·20	146·20	147·00	145·70	145·60	145·90	145·60	145·90	147·80	145·80	.....	145·70
18	154·00	146·10	146·90	145·70	145·70	145·80	145·80	145·90	147·50	145·80	145·60	145·70
19	152·90	146·20	146·70	145·70	145·60	145·80	145·90	145·90	147·40	145·90	145·70	145·70
20	150·60	146·20	146·50	145·70	145·60	145·70	145·90	146·00	147·30	145·80	145·80	145·70
21	150·00	146·10	146·30	145·70	145·60	145·70	145·80	146·00	147·10	145·80	145·80	145·70
22	149·50	146·10	146·20	145·70	145·60	145·70	145·70	145·90	147·00	145·80	145·80	145·70
23	149·10	146·10	146·00	145·70	145·50	145·70	145·60	146·00	147·00	145·80	145·80	145·70
24	148·70	146·30	146·10	145·70	145·50	145·70	145·50	146·00	147·20	145·70	145·80	145·70
25	148·50	146·40	146·10	145·70	145·60	145·70	145·50	146·00	147·50	145·70	145·80	145·70
26	148·20	146·30	146·10	145·60	145·70	145·70	145·50	146·00	147·80	145·70	145·70	145·70
27	148·10	146·30	145·90	145·60	145·70	145·70	145·50	146·00	148·20	145·70	145·70	145·80
28	147·90	146·20	145·90	145·60	145·70	145·70	145·70	146·00	147·80	145·70	145·70	145·80
29	147·80	146·20	145·80	145·60	145·70	145·80	145·80	146·00	147·40	145·70	145·60	145·90
30	147·70	146·10	145·80	145·60	145·70	145·80	145·80	146·10	147·20	145·70	.....	145·90
31	.....	146·00	.....	145·60	145·70	.....	145·80	.....	147·00	145·70	.....	145·90

Elevations above M.S.L. of South Nation River at Plantagenet, for 1912–13.

TABLE No. 303.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	146·00	147·60	153·50	145·90	145·70	145·80	147·70	147·40	147·60	.....	148·40	146·10
2	146·00	147·40	151·70	145·90	145·70	145·80	147·70	147·50	147·70	147·40	148·70	.....
3	146·00	147·20	149·80	145·90	145·70	145·80	147·40	147·50	149·00	147·50	148·90	146·10
4	146·10	147·20	148·80	145·90	145·70	145·80	147·20	147·40	151·20	151·40	148·80	146·00
5	146·10	147·00	148·30	145·90	145·70	145·80	147·00	147·20	151·20	150·80	147·70	146·00
6	146·40	146·90	147·80	145·90	145·80	145·80	146·90	147·10	151·20	149·70	147·30	145·90
7	153·90	147·00	148·00	145·80	145·80	145·90	146·70	148·60	153·70	149·30	147·20	145·90
8	155·70	147·10	147·90	145·80	145·70	146·00	146·60	154·70	153·40	148·40	146·90	146·00
9	155·95	147·10	147·70	145·80	145·90	146·00	146·40	154·30	152·20	148·30	146·80	.....
10	156·20	147·00	147·50	145·80	146·00	146·00	146·30	152·50	151·10	148·30	146·70	146·10
11	156·20	147·00	147·20	145·80	146·20	146·00	146·30	151·20	150·00	148·20	146·50	146·00
12	157·60	146·90	147·00	145·80	146·30	146·20	146·30	150·30	149·40	147·60	146·50	146·10
13	157·70	146·90	147·00	145·80	146·20	146·10	146·30	149·20	149·00	147·50	146·40	146·10
14	156·80	147·10	147·00	145·80	146·20	146·00	146·30	150·50	147·90	147·40	146·20	146·50
15	155·70	147·00	146·90	145·80	146·10	146·00	146·30	151·80	147·70	147·40	146·20	150·50
16	155·50	146·80	146·80	145·80	146·00	146·10	146·40	151·20	147·60	147·20	146·20	154·20
17	155·10	147·10	146·80	145·90	146·00	146·00	146·40	150·30	147·90	147·50	146·20	153·00
18	153·60	148·00	146·90	145·80	146·00	146·00	146·30	150·00	147·80	152·90	146·10	152·20
19	153·90	148·00	146·70	145·80	145·90	146·00	146·40	148·90	147·20	152·40	146·10	152·80
20	153·30	147·90	146·60	145·80	145·90	146·10	146·40	148·20	147·00	151·10	146·10	154·80
21	151·60	147·70	146·50	145·80	145·90	146·30	146·50	148·30	147·00	151·00	146·00	155·70
22	150·30	147·50	146·40	145·70	145·90	146·20	146·50	148·40	147·00	151·00	146·00	157·10
23	151·90	147·40	146·30	145·70	145·80	146·30	146·50	148·20	147·10	150·70	146·00	157·60
24	151·20	147·50	146·20	145·70	145·80	146·70	146·70	148·00	146·90	150·30	146·00	157·40
25	150·20	150·70	146·20	145·70	146·00	147·00	147·80	147·50	.....	150·00	146·10	158·90
26	149·30	150·20	146·10	145·70	146·10	146·90	149·00	147·20	146·70	149·40	146·10	157·50
27	148·90	148·80	146·10	145·70	146·10	146·70	148·70	147·10	146·60	149·20	146·10	155·90
28	148·50	148·10	146·00	145·70	146·00	146·90	148·40	147·30	146·50	149·40	146·10	154·40
29	148·10	148·40	146·00	145·70	146·00	146·90	147·90	147·50	146·50	149·10	.....	153·20
30	147·80	153·00	145·90	145·70	145·90	147·70	147·70	147·70	146·50	148·30	.....	152·20
31	.....	154·40	.....	145·70	145·90	.....	147·40	.....	146·70	147·50	.....	153·40

Elevations above M.S.L. of South Nation River at Plantagenet, for 1913–14.

TABLE No. 304.

1	156·60	.....	.....	145·90	145·80	145·80	145·80	147·20	147·10	.....	.....	.....
2	156·10	147·30	147·60	145·70	145·80	145·70	145·80	.....	146·70	146·30	147·40	146·40
3	155·00	147·10	147·40	145·80	.....	145·70	145·90	147·10	148·50	146·20	147·70	146·30
4	153·40	.....	147·10	145·80	145·70	145·70	146·00	146·80	148·70	.....	147·80	146·30
5	155·70	146·80	146·70	145·80	145·70	145·70	.....	146·80	148·70	146·10	147·80	146·30
6	155·50	146·70	146·70	.....	145·70	145·70	145·80	146·80	149·00	146·10	147·80	146·30
7	154·50	146·50	146·60	145·70	145·70	.....	145·80	146·80	.....	146·00	147·80	146·20
8	153·40	146·40	.....	145·80	145·70	145·70	145·70	146·70	148·20	146·10	.....	.....
9	151·70	146·40	146·40	145·80	145·70	145·60	145·70	.....	147·40	146·10	147·60	146·00
10	150·50	146·40	146·30	145·70	.....	145·60	145·70	148·20	147·40	145·90	147·40	146·00
11	150·20	146·40	146·20	145·70	145·70	145·60	145·70	148·80	147·50	.....	147·40	146·00
12	152·20	146·30	146·10	145·70	145·70	145·60	.....	148·40	147·30	146·10	147·30	146·00
13	151·50	146·10	146·10	.....	145·70	145·60	145·70	148·00	147·40	146·10	147·10	146·00
14	150·60	146·00	146·10	145·80	145·70	.....	145·70	147·60	.....	146·00	146·80	146·00
15	149·90	145·90	.....	145·80	145·60	145·70	145·80	147·60	147·40	146·00	.....	.....
16	149·30	145·80	146·00	145·80	145·60	145·70	145·70	.....	147·60	146·00	146·80	146·00
17	148·90	146·20	146·00	145·80	.....	145·70	145·80	147·20	147·50	146·10	146·60	146·10
18	148·60	146·30	146·00	145·70	145·60	145·70	145·70	147·10	147·60	.....	146·60	146·70
19	148·80	146·40	146·00	145·70	145·60	145·70	.....	147·00	147·70	146·00	146·60	147·70
20	148·80	146·40	145·90	.....	145·60	145·70	146·20	150·10	147·50	146·00	146·60	148·20
21	148·80	146·40	145·80	145·80	145·60	.....	147·80	150·20	.....	146·00	146·50	148·50
22	148·20	146·50	.....	145·80	145·70	145·80	148·00	149·20	147·10	146·00	.....	.....
23	148·00	146·90	145·90	145·80	145·90	145·80	147·40	.....	146·90	146·00	146·40	148·50
24	147·90	146·80	145·90	145·80	.....	145·80	147·30	148·70	146·80	146·00	146·40	148·00
25	147·60	.....	145·90	145·80	146·00	145·80	148·70	148·40	146·80	.....	146·40	147·90
26	147·90	146·60	145·90	145·80	146·00	145·80	.....	148·00	146·70	146·10	146·30	148·20
27	147·80	146·30	145·90	.....	145·90	145·80	148·60	147·70	146·70	146·10	146·30	153·60
28	147·90	150·40	145·80	145·80	145·90	.....	148·20	147·10	.....	146·20	146·20	154·60
29	148·00	151·20	.....	145·80	145·90	145·70	148·20	147·00	146·40	146·30	.....	154·80
30	147·80	150·00	145·80	145·80	145·80	145·80	147·90	.....	146·30	146·40	.....	154·80
31	.....	149·20	.....	145·80	.....	.....	147·60	.....	146·30	146·50	.....	154·70

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of South Nation River at Plantagenet, for 1914–15.

TABLE No. 305.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	154·40	150·00	145·80	146·10	145·70	145·90	145·70	.....	146·30	145·80	146·30	148·60
2	155·40	148·90	145·80	146·10	.....	146·00	145·70	145·90	146·40	145·80	146·30	148·20
3	155·20	.....	145·80	146·00	145·80	146·10	145·80	145·90	147·80	.....	146·30	147·60
4	155·30	147·90	145·80	146·00	145·80	146·00	.....	145·90	147·70	145·80	146·30	147·70
5	155·20	147·50	145·90	.....	145·80	146·00	145·70	145·90	147·00	145·80	146·20	147·40
6	153·80	147·30	145·80	145·90	145·80	.....	145·70	145·90	.....	145·80	146·20	147·20
7	151·90	147·20	.....	145·90	145·80	145·90	145·60	145·90	146·60	146·00	.....	.....
8	150·80	147·30	145·80	145·80	145·80	145·90	145·70	.....	146·40	146·30	146·10	146·90
9	150·10	146·90	145·80	145·90	.....	145·80	145·70	145·90	146·30	146·40	146·00	146·90
10	149·10	.....	145·70	145·80	145·80	145·80	145·80	145·90	146·30	.....	146·10	146·90
11	150·20	146·80	145·70	145·80	145·80	145·70	.....	145·90	146·10	146·40	146·10	146·90
12	.....	146·60	145·70	.....	145·80	145·70	145·80	145·90	146·00	146·40	146·10	147·10
13	150·10	146·50	145·70	145·80	145·80	.....	145·80	145·80	.....	146·50	146·10	147·10
14	149·90	146·50	.....	145·80	145·90	145·70	145·80	145·80	145·90	146·60	.....	.....
15	149·60	146·40	145·70	145·80	146·00	145·70	145·70	.....	145·90	146·60	146·10	147·40
16	149·80	146·40	145·70	145·80	.....	145·70	145·70	146·40	145·80	146·50	146·20	147·60
17	150·00	.....	145·70	145·80	145·90	145·70	145·80	147·20	145·80	.....	146·20	147·60
18	150·70	146·20	145·70	145·70	145·90	145·70	.....	147·00	145·80	146·50	146·40	147·60
19	.....	146·20	145·70	.....	145·90	145·60	145·90	146·90	145·80	146·60	146·50	147·50
20	151·40	146·40	145·70	145·70	145·80	.....	145·90	146·70	.....	146·60	146·50	147·50
21	151·20	146·20	.....	145·70	145·80	145·60	145·90	146·60	145·70	146·60	.....	148·20
22	150·00	146·00	145·70	145·70	145·80	145·60	145·80	.....	145·70	146·50	146·70	149·00
23	149·30	145·90	145·70	145·70	.....	145·60	145·70	146·10	145·70	146·40	147·00	149·70
24	148·30	.....	145·70	145·70	145·80	145·60	145·70	146·10	145·70	.....	147·00	151·70
25	148·00	146·00	145·80	145·70	145·80	145·60	.....	146·10	145·70	147·10	149·40	153·20
26	.....	145·90	145·80	.....	145·80	145·60	145·70	146·00	145·70	146·90	150·70	153·40
27	151·90	146·00	145·80	145·70	145·70	.....	145·70	146·30	.....	146·70	150·20	152·20
28	150·90	145·90	.....	145·70	145·70	145·70	145·70	146·50	145·80	.....	148·70	.....
29	150·10	145·90	145·90	145·70	145·80	145·80	145·70	.....	145·70	146·60	.....	150·70
30	151·20	145·90	146·10	145·70	.....	145·70	145·70	146·20	145·90	146·50	.....	149·70
31	.....	.....	.....	145·70	145·90	.....	145·80	.....	145·80	.....	.....	149·90

Elevations above M.S.L. of Ottawa River at Thurso, Que., for 1906.

TABLE No. 306.

1	.....	135·65	137·05	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	135·75	136·95	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	135·85	136·95	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	135·95	136·55	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	136·15	136·45	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	136·25	136·55	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	136·45	136·75	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	136·75	137·85	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	136·85	137·95	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	137·15	137·65	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	137·25	137·35	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	137·55	137·25	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	137·76	137·25	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	137·95	137·25	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	138·05	137·15	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	138·05	137·05	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	138·10	137·05	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	138·15	137·05	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	138·30	136·85	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	138·21	136·75	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	138·30	136·75	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	138·15	136·75	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	138·10	136·45	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	138·05	136·35	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	138·05	136·25	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	137·95	136·15	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	137·85	136·05	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	137·65	135·95	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	137·55	135·85	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	137·35	135·75	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	137·25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L. of Rouge River at Table Falls, for 1905.

TABLE No. 307.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	363·40	361·40	360·13	360·10	359·55	360·02	360·46	.....	.....	.....	.....
2	.....	363·35	361·10	360·07	360·08	359·50	359·98	360·40	.....	.....	.....	.....
3	.....	363·10	361·05	360·02	360·01	359·52	359·95	360·33	.....	.....	.....	.....
4	.....	362·90	361·05	360·08	359·96	359·54	359·91	360·28	.....	.....	.....	.....
5	.....	362·80	361·10	360·08	359·94	359·57	359·87	360·20	.....	.....	.....	.....
6	.....	362·80	361·05	360·02	359·92	359·60	359·88	360·19	.....	.....	.....	.....
7	.....	363·20	361·00	360·00	359·90	359·62	359·90	360·18	.....	.....	.....	.....
8	.....	363·20	361·00	360·04	359·91	359·64	359·94	360·17	.....	.....	.....	.....
9	.....	363·20	360·90	360·06	359·96	359·67	359·98	360·15	.....	.....	.....	.....
10	.....	363·30	360·80	360·20	360·00	359·66	360·00	360·15	.....	.....	.....	.....
11	.....	363·40	360·80	360·18	360·00	359·63	360·20	360·16	.....	.....	.....	.....
12	.....	363·40	360·90	360·10	360·00	359·60	360·10	360·18	.....	.....	.....	.....
13	.....	363·35	360·95	360·45	359·99	359·58	360·30	360·19	.....	.....	.....	.....
14	361·75	363·30	361·00	360·80	359·99	359·55	360·50	360·20	.....	.....	.....	.....
15	361·80	363·30	360·90	360·87	259·97	359·52	360·50	360·20	.....	.....	.....	.....
16	361·80	363·10	360·80	360·80	359·94	359·50	360·50	.....	.....	.....	.....	.....
17	361·75	363·00	.....	360·73	359·90	359·54	360·45	.....	.....	.....	.....	.....
18	361·50	362·70	360·80	360·60	359·89	359·70	360·33	.....	.....	.....	.....	.....
19	361·47	362·50	360·80	360·58	359·89	360·30	360·45	.....	.....	.....	.....	.....
20	361·30	362·20	361·00	360·52	359·85	360·50	360·78	.....	.....	.....	.....	.....
21	361·32	362·10	360·90	360·47	359·82	360·40	361·12	.....	.....	.....	.....	.....
22	361·30	361·90	360·80	360·40	359·78	360·45	361·25	.....	.....	.....	.....	.....
23	361·20	361·77	360·60	360·36	359·76	360·34	361·20	.....	.....	.....	.....	.....
24	361·11	361·62	360·52	360·29	259·74	360·30	361·15	.....	.....	.....	.....	.....
25	361·10	361·40	360·40	360·25	359·71	360·28	360·98	.....	.....	.....	.....	.....
26	361·14	361·25	360·35	360·18	359·70	360·29	360·90	.....	.....	.....	.....	.....
27	361·30	361·20	360·30	360·15	359·68	360·20	360·81	.....	.....	.....	.....	.....
28	361·63	361·15	360·38	360·12	359·65	360·17	360·69	.....	.....	.....	.....	.....
29	361·82	361·10	360·31	360·11	359·62	360·11	360·65	.....	.....	.....	.....	.....
30	362·80	361·08	360·22	360·10	359·60	360·05	360·61	.....	.....	.....	.....	.....
31	.....	361·06	.....	360·12	359·58	.....	360·52	.....	.....	.....	.....	.....

Elevations above M.S.L. of Rouge River at Table Falls, for 1906.

TABLE No. 308.

1	.....	.....	361·08	360·60	359·80	359·90	358·33	360·24	359·65	.....	.....	.....
2	.....	.....	361·00	360·57	359·79	359·82	358·26	360·24	360·24	.....	.....	.....
3	.....	.....	360·80	360·52	359·77	359·75	358·28	360·23	360·25	.....	.....	.....
4	.....	.....	360·90	360·46	359·76	359·62	358·30	360·20	360·20	.....	.....	.....
5	.....	.....	361·00	360·40	359·76	359·59	358·36	360·18	360·17	.....	.....	.....
6	.....	.....	361·40	360·36	359·75	359·54	358·40	360·17	360·14	.....	.....	.....
7	.....	.....	361·60	360·32	359·73	359·48	358·90	360·15	360·09	.....	.....	.....
8	.....	.....	362·00	360·20	359·74	359·35	358·20	360·12	360·06	.....	.....	.....
9	.....	.....	362·20	360·13	359·75	359·30	358·60	360·10	360·00	.....	.....	.....
10	.....	.....	362·80	360·00	359·73	359·26	358·90	360·08	359·90	.....	.....	.....
11	.....	.....	363·00	359·90	359·70	359·22	360·10	360·06	359·75	.....	.....	.....
12	.....	.....	362·80	359·82	359·68	359·18	360·18	360·05	359·70	.....	.....	.....
13	.....	.....	362·72	359·70	359·65	359·14	360·23	360·03	359·63	.....	.....	.....
14	.....	361·80	362·67	360·00	359·59	359·10	360·23	360·00	359·50	.....	.....	.....
15	.....	361·72	362·52	360·08	359·56	359·07	360·20	359·97	359·54	.....	.....	.....
16	.....	361·64	362·38	360·06	359·52	359·04	360·21	359·95	359·65	.....	.....	.....
17	.....	361·58	362·20	360·04	359·48	359·00	360·20	359·90	359·68	.....	.....	.....
18	.....	361·50	361·80	360·00	359·45	358·90	360·19	359·86	359·70	.....	.....	.....
19	.....	362·57	361·75	359·95	360·40	358·85	360·17	359·80	359·70	.....	.....	.....
20	.....	362·62	361·63	359·90	360·38	358·80	360·15	359·75	359·68	.....	.....	.....
21	.....	362·30	361·50	359·87	360·35	358·78	360·15	359·80	359·68	.....	.....	.....
22	.....	362·08	361·37	359·85	360·30	358·76	360·17	359·85	359·67	.....	.....	.....
23	.....	361·80	361·20	359·85	360·27	358·74	360·19	359·92	359·65	.....	.....	.....
24	.....	361·70	361·12	359·84	360·23	358·73	360·21	360·00	359·68	.....	.....	.....
25	.....	361·58	361·06	359·83	360·20	358·71	360·22	359·98	359·70	.....	.....	.....
26	.....	361·47	360·98	359·82	360·14	358·68	360·23	359·95	359·72	.....	.....	.....
27	.....	361·44	360·80	359·80	360·10	358·65	360·25	359·90	359·75	.....	.....	.....
28	.....	361·38	360·76	359·80	360·07	358·50	360·25	259·86	359·78	.....	.....	.....
29	.....	361·30	360·70	359·78	360·00	358·43	360·24	359·80	359·80	.....	.....	.....
30	.....	361·25	360·65	359·76	359·96	358·38	360·25	359·37	360·00	.....	.....	.....
31	.....	361·15	.....	359·78	359·94	.....	360·25	.....	360·00	.....	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Rouge River at Table Falls, for 1909–10.

TABLE No. 309

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	362·00	360·30	359·95	359·17	360·60	359·62	360·60	359·70	360·27	359·73
2	.....	.....	361·90	360·30	359·90	359·20	360·70	359·60	360·40	359·70	360·24	359·80
3	.....	.....	361·75	360·50	359·87	359·30	360·80	359·57	360·30	359·72	360·20	359·90
4	.....	.....	361·60	360·40	359·85	359·50	360·70	359·57	360·30	359·70	360·19	360·00
5	.....	.....	361·50	360·30	359·80	359·80	360·68	359·59	360·25	359·68	360·16	360·30
6	.....	.....	361·35	360·25	359·75	360·00	360·65	359·60	360·20	359·70	360·12	360·34
7	.....	.....	361·20	360·20	359·70	360·00	360·60	359·60	360·10	359·74	360·10	360·40
8	.....	.....	361·00	360·10	359·70	359·90	360·60	359·61	360·00	359·76	360·08	360·42
9	.....	.....	360·90	360·00	359·68	359·80	360·55	359·62	359·90	359·78	360·08	360·45
10	.....	.....	360·80	359·90	359·65	359·75	360·50	359·63	359·85	359·80	360·09	360·48
11	.....	.....	360·80	360·00	359·62	359·80	360·40	359·64	359·80	359·82	360·10	360·50
12	.....	.....	360·90	359·95	359·60	359·90	360·28	359·65	395·78	359·84	360·10	360·50
13	.....	.....	361·00	359·90	359·55	359·84	360·20	359·65	359·79	359·86	360·08	360·45
14	.....	.....	361·00	359·87	359·50	359·80	360·08	359·68	359·82	359·88	360·04	360·40
15	.....	365·00	360·95	359·89	359·60	359·80	359·90	359·65	359·85	359·90	360·00	360·38
16	.....	364·50	360·90	359·93	359·55	359·85	359·70	359·70	359·90	359·92	359·90	360·35
17	.....	364·50	360·87	360·05	359·50	359·90	359·70	359·75	359·95	359·94	359·80	360·33
18	.....	364·60	360·84	360·20	359·47	359·90	359·68	359·80	359·95	359·95	359·75	360·30
19	.....	364·70	360·90	360·10	359·45	359·88	359·65	359·90	359·94	360·00	359·70	360·30
20	.....	364·50	360·88	359·95	359·43	359·80	359·64	359·92	359·94	360·05	359·70	360·32
21	.....	364·10	360·85	359·90	359·42	359·75	359·65	360·00	359·93	360·17	359·68	360·40
22	.....	363·90	360·90	359·80	359·40	359·60	359·65	360·00	359·90	360·52	359·65	360·60
23	.....	363·60	360·95	359·70	359·35	359·50	359·70	360·60	359·88	360·58	359·64	360·80
24	.....	363·40	361·00	359·75	359·30	359·80	359·72	361·30	359·87	350·65	359·62	360·90
25	.....	363·10	360·90	360·10	359·25	360·00	359·70	361·00	359·85	360·65	359·61	361·00
26	.....	362·80	360·70	360·05	359·22	360·10	259·69	360·60	359·84	360·60	359·60	361·10
27	.....	362·60	360·60	359·00	359·15	360·10	359·68	360·30	359·82	360·50	359·65	361·20
28	.....	362·40	360·50	359·95	359·00	360·20	359·67	360·40	359·80	360·40	359·68	361·00
29	.....	362·50	360·40	360·00	359·10	360·30	359·66	360·60	359·77	360·35	.....	361·30
30	.....	362·30	360·35	360·10	359·12	360·40	359·65	360·70	359·75	360·32	.....	361·80
31	.....	362·15	.....	360·00	359·15	.....	359·64	.....	259·73	360·30	.....	362·20

Elevations above M.S.L. of Rouge River at Table Falls, for 1910–11.

TABLE No. 310.

1	363·00	361·80	360·35	360·45	359·60	359·90	359·70	359·83	359·28	359·25	358·85	358·50
2	363·30	361·80	360·70	360·30	359·55	359·70	359·90	359·80	359·30	359·25	358·85	358·45
3	363·40	362·00	361·40	360·30	359·50	359·60	360·00	359·77	359·30	359·20	358·85	358·45
4	363·30	362·20	362·00	360·28	359·50	359·55	360·10	359·78	359·29	359·20	358·80	358·45
5	363·10	362·40	362·10	360·30	359·69	359·50	360·20	359·80	359·28	359·15	358·75	358·45
6	363·00	362·60	361·80	360·25	359·70	359·50	360·50	359·80	359·28	359·15	358·75	358·40
7	363·00	362·60	361·50	360·20	359·75	359·55	361·00	359·78	359·27	359·10	358·70	358·30
8	363·30	362·50	361·70	360·15	359·78	359·58	361·40	359·75	359·25	359·10	358·70	358·20
9	363·40	362·43	361·80	360·08	359·80	359·55	361·60	359·75	359·25	359·10	358·70	358·10
10	363·20	362·30	361·70	360·05	359·85	359·50	361·60	359·80	359·30	359·10	358·65	358·00
11	362·80	362·25	361·60	360·10	359·90	359·48	361·50	359·82	359·30	359·10	358·60	357·95
12	362·70	362·20	361·60	360·08	360·10	359·45	361·36	359·85	359·28	359·10	358·60	357·90
13	362·60	362·10	361·50	360·00	360·15	359·40	361·20	359·85	359·26	359·10	358·60	357·80
14	362·50	362·00	361·40	359·90	360·20	359·37	361·00	359·90	359·25	359·10	358·60	357·70
15	362·30	361·80	361·25	359·82	360·20	359·35	360·60	359·90	359·25	359·10	358·55	357·65
16	362·20	361·65	361·15	359·70	360·18	359·30	360·50	359·88	359·24	359·10	358·55	357·60
17	362·10	361·50	361·00	359·65	360·15	359·25	360·50	359·85	359·20	359·10	358·50	357·60
18	362·00	361·30	360·90	359·60	360·10	359·23	360·40	359·85	359·20	359·10	358·50	357·65
19	362·00	361·15	.....	359·50	360·00	359·20	360·30	359·80	359·18	359·10	358·55	357·70
20	362·10	361·00	.....	359·40	359·90	359·20	360·20	359·75	359·17	359·10	358·60	357·70
21	362·20	360·90	.....	359·30	360·00	359·25	360·10	359·65	359·18	359·05	358·60	357·75
22	362·40	360·70	.....	359·35	360·05	359·30	360·00	359·60	359·18	359·05	358·60	357·80
23	362·45	360·50	.....	359·30	360·08	359·30	359·95	359·50	359·20	359·00	358·60	357·85
24	362·40	360·40	.....	359·28	360·05	359·25	359·90	359·40	359·18	359·00	358·60	357·90
25	362·35	360·35	.....	359·28	360·00	359·28	359·85	359·35	359·18	359·00	358·55	358·00
26	362·30	360·35	360·85	359·30	359·90	359·35	359·80	359·30	359·20	359·00	358·55	358·10
27	362·30	360·40	360·70	359·33	360·00	359·38	359·80	359·30	359·20	358·95	358·55	358·30
28	362·20	360·45	360·50	359·35	360·00	359·40	359·90	359·30	359·22	358·95	358·50	358·50
29	362·05	360·40	360·40	359·40	369·10	359·45	359·90	359·29	359·21	358·95	.....	358·65
30	361·90	360·30	360·50	359·50	360·15	359·50	359·88	359·27	359·22	358·90	.....	358·80
31	.....	360·30	.....	359·60	360·00	.....	359·85	.....	359·24	358·90	.....	358·90

Elevations above M.S.L. of Rouge River at Table Falls, for 1911–12.

TABLE No. 311.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	359·00	364·20	362·20	360·55	359·20	358·95	359·05	359·20	359·95	360·20	359·70	359·25
2	359·00	364·50	362·00	360·50	359·10	359·95	359·05	359·20	359·95	360·30	359·65	359·25
3	358·95	364·80	361·90	360·45	359·20	358·90	359·05	359·15	359·90	360·30	359·60	359·20
4	358·90	364·80	361·70	360·40	359·20	358·85	359·10	359·10	359·90	360·30	359·60	359·15
5	358·90	364·20	361·50	360·35	359·10	358·90	359·10	359·05	359·85	360·25	359·60	359·10
6	359·00	363·70	361·40	360·30	359·15	359·00	359·10	359·00	359·80	360·25	359·55	359·05
7	359·40	363·40	361·30	360·20	359·15	359·15	359·15	359·00	359·75	360·25	359·55	359·00
8	359·70	363·00	361·10	360·10	359·30	359·25	359·15	359·15	359·75	360·20	359·55	358·90
9	359·90	362·80	361·00	360·00	359·30	359·15	359·10	359·35	359·80	360·20	359·50	358·80
10	360·00	362·50	360·90	359·95	359·35	359·10	359·10	359·40	359·95	360·15	359·50	358·80
11	360·20	362·30	360·70	359·80	359·90	359·10	359·05	359·65	360·25	360·10	359·50	358·80
12	360·30	362·00	360·70	359·70	360·00	359·10	359·00	359·85	361·65	360·10	359·45	358·80
13	360·50	361·80	360·90	359·55	360·10	359·00	358·95	359·95	361·55	360·10	359·45	358·80
14	360·90	361·60	361·10	359·50	359·95	359·00	358·85	360·05	361·55	360·05	359·40	358·80
15	361·20	361·50	361·30	359·40	359·80	359·00	358·80	360·25	361·45	360·05	359·40	358·80
16	361·20	361·50	361·70	359·40	359·70	359·10	358·75	360·45	361·35	359·90	359·40	358·80
17	361·30	361·40	361·80	359·45	359·65	359·05	358·75	360·65	361·25	359·90	359·40	358·85
18	361·40	361·20	361·70	359·70	359·70	359·00	358·70	360·75	360·95	359·90	359·40	358·85
19	361·70	361·00	361·50	359·70	359·65	358·95	358·70	360·75	360·95	359·90	359·40	358·85
20	361·90	360·80	361·40	359·70	359·65	358·95	358·65	360·55	360·85	360·00	359·35	358·90
21	362·10	360·90	361·20	359·70	359·65	358·90	358·70	360·35	360·65	360·05	359·35	358·95
22	362·20	360·60	361·10	359·70	359·60	358·90	358·70	360·15	360·55	360·10	359·35	359·00
23	362·40	360·60	361·00	359·70	359·50	358·90	358·85	359·95	360·55	360·10	359·40	359·00
24	362·75	360·90	360·90	359·60	359·45	358·90	358·95	359·95	360·50	360·10	359·40	358·95
25	362·90	360·80	360·80	359·50	359·25	358·90	359·05	359·85	360·45	360·00	359·40	358·95
26	363·00	362·60	360·75	359·45	359·20	358·90	359·15	359·80	360·35	360·00	359·35	358·98
27	363·20	363·20	360·70	359·40	359·15	359·05	359·25	359·75	360·25	359·95	359·35	358·98
28	363·50	363·20	360·70	359·35	359·15	359·15	359·30	359·80	360·25	359·90	359·30	359·00
29	363·70	363·00	360·65	359·30	359·20	359·10	359·30	359·85	360·15	359·85	359·30	359·00
30	363·90	362·80	360·60	359·25	359·15	359·10	359·25	359·95	360·05	359·80	.....	359·00
31	.....	362·50	.....	359·20	359·05	.....	359·25	.....	360·05	359·75	.....	359·05

Elevations above M.S.L. of Rouge River at Table Falls, for 1912–13.

TABLE No. 312.

1	359·10	363·40	362·70	360·50	359·30	360·20	360·30	360·25	360·85	360·00	360·65	359·70
2	359·10	363·00	362·50	360·45	359·25	360·05	360·25	360·25	360·90	360·10	360·60	359·65
3	359·15	362·70	362·25	360·40	359·20	360·10	360·20	360·28	360·90	360·10	360·60	359·63
4	359·18	362·40	362·10	360·30	359·15	360·20	360·10	360·35	360·95	360·05	360·50	359·60
5	359·20	362·00	362·00	360·20	359·15	360·50	360·00	360·50	360·95	360·05	360·45	359·60
6	359·25	361·80	361·80	360·10	359·10	360·60	360·00	360·80	361·15	360·00	360·40	359·58
7	359·30	361·60	361·70	360·05	359·05	360·60	360·10	361·40	361·25	360·10	360·30	359·55
8	359·90	361·50	361·60	360·00	359·05	360·55	360·00	361·80	361·30	360·15	360·25	359·50
9	360·50	361·40	361·50	359·95	359·20	360·50	360·00	362·30	361·30	360·20	360·20	359·50
10	360·90	361·40	361·45	359·90	359·60	360·45	360·05	362·60	361·28	360·20	360·15	359·50
11	361·00	361·30	361·45	359·80	360·40	360·40	360·00	362·60	361·25	360·18	360·10	359·55
12	361·00	361·25	361·40	359·80	361·00	360·30	360·00	362·49	361·15	360·15	360·05	359·60
13	361·10	361·25	361·40	359·75	361·50	360·20	360·05	362·20	361·10	360·10	360·05	359·80
14	361·70	361·30	361·35	359·70	361·40	360·10	360·08	362·00	361·05	360·20	360·00	360·00
15	362·00	361·45	361·30	359·70	361·30	360·00	360·10	361·70	361·05	360·40	359·98	360·30
16	362·50	361·60	361·25	359·85	361·10	360·00	360·10	361·40	361·00	360·60	359·95	360·50
17	362·80	361·40	361·35	359·85	360·90	360·10	360·10	361·40	361·00	360·90	359·95	360·60
18	362·95	361·50	361·50	359·90	360·70	360·20	360·08	361·35	360·90	361·00	359·93	360·75
19	363·25	361·50	361·50	359·90	360·50	360·25	360·10	361·30	360·90	361·00	359·90	361·10
20	363·10	361·45	361·45	359·85	360·40	360·30	360·30	361·30	360·85	360·95	359·90	361·80
21	362·80	361·40	361·40	359·80	360·30	360·35	360·40	361·25	360·80	361·00	359·87	362·60
22	363·10	361·40	361·38	359·75	360·15	360·40	360 50	361·20	360·75	361·10	359·85	363·00
23	363·90	361·45	361·35	359·70	360·05	360·45	360·50	361·10	360·70	361·00	359·85	363·20
24	364·50	361·65	361·00	359·65	360·00	360·50	360·40	361·00	360·60	360·95	359·80	363·30
25	364·50	361·80	360·95	359·60	359·90	360·50	360·30	360·90	360·50	360·90	359·80	363·30
26	364·40	362·00	360·90	359·50	359·95	360·45	360·25	360·90	360·40	360·90	359·75	363·20
27	364·20	362·20	360·85	359·45	360·00	360·45	360·20	360·85	360·35	360·85	359·70	363·10
28	364·10	362·40	360·80	359·40	360·20	360·40	360·20	360·80	360·30	360·80	359·70	363·00
29	363·90	362·70	360·70	359·35	360·50	360·40	360·15	360·80	360·20	360·80	.....	362·80
30	363·60	362·90	360·60	359·40	360·50	360·35	360·18	360·85	360·10	360·75	.....	362·60
31	.....	362·90	.....	359·35	360·30	.....	360·20	....	360·00	360·70	.....	362·60

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Rouge River at Table Falls, for 1913–14.

TABLE No. 313.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	362·50	363·50	360·63	359·80	359·05	358·95	359·30	361·95	360·80	359·60	359·55	358·95
2	362·50	363·20	360·55	359·70	359·00	358·90	359·20	361·80	360·75	359·60	359·55	358·75
3	362·40	362·80	360·70	359·65	358·90	358·80	359·25	361·65	360·70	359·55	359·50	358·70
4	362·30	362·50	360·95	359·60	358·80	358·70	359·35	361·50	360·70	359·55	359·45	358·70
5	362·32	362·15	360·95	359·50	358·70	358·63	359·40	361·40	360·65	359·50	359·43	358·73
6	362·23	362·10	360·90	359·50	358·58	358·57	359·40	361·25	360·55	359·50	359·43	358·75
7	362·10	362·00	360·85	359·45	358·43	358·45	359·35	361·15	360·40	359·55	359·45	358·78
8	362·00	361·90	360·65	359·40	358·30	358·20	359·30	361·00	360·25	359·50	359·40	358·78
9	362·00	361·65	360·55	359·40	358·10	357·90	359·25	361·20	360·10	359·45	359·35	358·80
10	361·85	361·50	360·70	359·45	358·00	357·35	359·25	361·35	360·00	359·45	359·35	358·75
11	361·80	361·35	361·00	359·48	357·95	356·20	359·20	361·45	360·00	359·40	359·40	358·75
12	361·70	361·20	360·95	359·55	357·85	356·20	359·15	361·58	359·95	359·30	359·55	358·70
13	362·10	361·00	360·90	359·65	357·80	356·20	359·10	361·70	359·90	359·25	359·65	358·75
14	362·30	360·85	360·80	359·78	357·20	356·70	359·05	361·55	359·95	359·30	359·80	358·78
15	362·40	360·75	360·70	359·90	356·70	357·20	359·00	361·40	359·90	359·35	359·65	358·78
16	362·60	360·85	360·65	360·10	356·20	357·50	359·00	361·20	359·90	359·40	359·45	358·80
17	362·80	360·95	360·55	360·00	356·20	357·80	358·95	361·20	359·95	359·50	359·25	358·80
18	362·90	361·20	360·43	359·95	356·20	358·30	358·95	361·15	360·00	359·50	359·20	358·90
19	363·10	360·95	360·40	359·85	356·20	358·50	359·10	361·10	359·95	359·40	359·10	358·78
20	363·10	360·85	360·40	359·80	356·20	358·55	359·60	361·00	359·85	359·35	359·05	358·83
21	363·00	360·70	360·35	359·75	356·20	358·65	360·10	361·15	359·85	359·30	359·00	358·88
22	362·70	360·90	360·15	359·68	357·70	358·75	361·00	361·30	359·80	359·30	358·90	358·70
23	362·65	361·15	360·00	359·60	358·20	358·90	361·80	361·30	359·75	359·25	358·85	358·55
24	362·80	361·35	360·00	359·50	358·45	359·20	362·20	361·35	359·75	359·20	358·85	358·47
25	363·20	361·20	359·98	359·45	358·75	359·30	362·35	361·40	359·70	359·20	358·95	358·35
26	363·40	361·00	359·95	359·40	358·45	359·30	362·40	361·40	359·65	359·30	359·10	358·85
27	363·60	361·10	359·95	359·30	358·70	359·35	362·55	361·30	359·60	359·35	359·20	359·60
28	363·70	361·30	359·93	359·25	358·85	359·45	362·60	361·10	359·50	359·35	359·20	359·95
29	363·75	361·20	359·90	359·20	358·95	359·40	362·75	360·90	359·45	359·40	.....	359·95
30	363·65	360·95	359·85	359·15	359·00	359·35	362·00	360·85	359·50	359·45	.....	360·00
31	.....	360·80	.....	359·15	359·00	.....	361·95	.....	359·55	359·50	.....	360·05

Elevations above M.S.L. of Rouge River at Table Falls, for 1914–15.

TABLE No 314.

1	360·15	362·10	360·60	360·25	359·28	358·70	357·60	359·70	360·05	359·80	359·85	360·15
2	360·25	362·05	360·50	360·30	359·20	358·80	357·40	359·85	360·35	359·85	359·80	360·10
3	360·30	362·00	360·49	360·45	359·20	358·85	356·90	360·05	360·85	359·85	359·75	360·10
4	360·35	361·85	360·35	360·50	359·15	358·88	356·30	360·15	361·40	359·75	359·60	360·05
5	360·25	361·90	360·30	360·50	359·10	358·90	355·65	360·30	361·55	359·60	359·50	359·95
6	360·15	362·05	360·20	360·40	359·10	358·90	355·15	360·45	361·35	359·55	359·35	359·95
7	360·00	362·20	360·10	360·30	359·08	358·95	354·60	360·60	361·15	359·85	359·40	359·95
8	359·90	362·25	359·98	360·23	359·05	359·05	355·20	360·50	360·80	360·15	359·50	359·90
9	359·80	362·05	360·00	360·15	358·95	359·15	355·70	360·45	360·60	360·40	359·60	359·85
10	359·80	361·85	360·05	359·98	358·88	359·20	356·60	360·35	360·40	360·50	359·55	359·85
11	359·78	361·70	360·05	359·85	358·80	359·25	358·40	360·20	360·23	360·60	359·50	359·82
12	359·75	361·50	360·00	359·80	358·75	359·20	359·55	360·05	360·10	360·60	359·55	359·80
13	359·70	361·45	359·95	359·70	358·75	359·10	360·60	359·80	360·00	360·55	359·60	359·80
14	359·60	361·25	359·95	359·65	358·95	359·03	360·35	359·60	359·85	360·40	359·50	359·80
15	359·55	361·00	359·92	359·55	359·20	358·95	359·90	360·20	359·80	360·35	359·55	359·77
16	359·60	360·80	359·85	359·40	359·10	358·90	359·30	360·55	359·75	360·15	359·55	359·75
17	359·80	360·80	359·80	359·35	359·00	358·80	358·95	360·95	359·70	360·10	359·60	359·70
18	360·10	360·75	359·75	359·45	358·95	358·70	359·35	360·85	359·70	360·15	359·60	359·65
19	360·45	360·75	359·70	359·55	358·95	358·60	359·75	360·70	359·65	360·20	359·63	359·63
20	361·40	370·80	359·65	359·65	359·00	358·40	360·00	360·60	359·65	360·25	359·65	359·60
21	361·85	360·78	359·70	359·80	358·95	358·20	360·00	360·50	359·70	360·25	359·55	359·70
22	362·05	360·75	359·80	359·90	358·90	358·00	359·95	360·45	359·70	360·15	359·40	359·75
23	361·75	360·80	359·95	360·00	358·90	357·85	359·85	360·35	359·65	360·10	359·60	359·83
24	361·55	360·60	360·05	359·90	358·85	357·65	359·75	360·20	359·63	360·00	359·80	359·95
25	361·50	360·40	360·10	359·85	358·75	357·50	359·65	360·10	359·60	359·95	360·30	360·15
26	361·75	360·50	360·10	359·85	358·70	357·30	359·60	360·05	359·60	359·85	360·20	360·10
27	361·88	360·65	360·05	359·70	358·70	357·60	359·55	360·05	359·60	359·83	360·10	360·05
28	361·95	360·75	360·05	359·60	358·65	358·00	359·55	360·00	359·65	359·80	360·15	360·00
29	362·10	360·78	360·10	359·55	358·60	358·20	359·60	360·00	359 65	359·75	.....	359·90
30	362·25	360·80	360·20	359·50	358·50	358·00	359·65	359·95	359·70	359·80	.....	359·80
31	.....	360·70	.....	359·40	358·60	.....	359·65	.....	359·75	359·85	.....	359·75

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1870.

TABLE No. 315.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1										129·49	130·33	129·41
2										129·49	130·24	129·41
3										129·49	130·16	129·33
4										129·49	129·99	129·33
5										129·58	129·99	129·24
6										129·58	129·91	129·24
7										129·49	129·91	129·24
8										129·49	129·83	129·16
9										129·49	129·74	129·16
10										129·41	129·66	129·08
11										129·41	129·58	128·99
12										129·41	129·49	128·91
13										129·41	129·49	128·91
14										129·33	129·49	128·83
15										129·33	129·49	128·74
16										129·41	129·49	128·66
17										129·58	129·49	128·58
18										129·58	129·49	128·49
19										129·66	129·58	128·49
20										129·74	129·49	128·49
21										129·83	129·49	128·4
22										129·83	129·49	128·49
23										129·91	129·49	128·49
24										129·99	129·49	128·58
25										130·08	129·49	128·66
26										130·16	129·49	128·74
27										130·33	129·49	128·74
28										130·41	129·41	128·74
29										130·49	.....	128·83
30										130·41	.....	128·83
31										130·41	.....	128·91

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1870–71.

TABLE No. 316.

1	129 24	140·83	133·91	130·08	129·49	127·83	127·41	129·66	130·33	128·83	128·49	.....
2	129·58	140·74	133·83	129·99	129·33	127·83	127·24	129·74	130·33	128·83	128·49	.....
3	130·16	140·66	133·74	129·91	129·24	127·83	127·16	129·99	130·24	128·83	128·49	.....
4	130·91	140·66	133·66	129·83	129·16	127·91	127·16	129·99	130·24	128·83	128·49	.....
5	131·33	140·16	133·33	129·83	129·16	128·08	127·33	129·99	130·24	128·83	128·49	.....
6	131·83	139·99	132·99	129·74	129·08	128·08	127·33	130·08	130·24	128·83	128·49	.....
7	132·33	139·91	132·74	129·74	129·08	128·08	127·16	130·16	130·16	128·74	128·49	.....
8	132·83	139·66	132·41	129·83	129·08	128·16	127·33	130·33	130·16	128·74	128·49	.....
9	133·66	139·41	132·24	129·83	129·16	128·16	127·24	130·58	130·16	128·66	128·49	.....
10	134·33	139·16	132·16	129·74	129·16	128·33	127·16	130·83	130·08	128·66	128·49	.....
11	134·66	138·91	132·49	129·74	129·08	128·16	127·08	131·16	129·99	128·58	128·49	.....
12	135·66	138·66	132·33	129·74	129·08	128·08	126·99	131·24	129·91	128·49	128·41	.....
13	136·33	138·41	132·16	129·74	128·91	128·08	126·91	131·24	129·83	128·58	128·41	.....
14	137·16	138·08	132·66	129·99	128·91	128·08	126·91	131·24	129·91	128·58	128·33	.....
15	137·91	137·66	132·41	130·16	128·99	128·08	126·99	131·33	129·66	128·66	128·24	.....
16	138·41	137·49	132·24	130·16	128·91	127·99	126·99	131·33	129·41	128·66	128·24	.....
17	138·83	137·33	132·16	130·16	128·74	127·99	126·99	131·33	129·33	128·74	128·33	.....
18	138·83	137·08	132·16	130·16	128·58	127·99	127·08	131·24	129·33	128·66	128·33	.....
19	138·99	136·83	131·99	130·16	128·49	127·91	127·58	131·24	129·33	128·66	128·33	.....
20	139·08	136·49	131·58	130·16	128·66	127·83	127·74	131·16	129·33	128·66	128·33	.....
21	139·83	136·16	131·24	130·08	128·58	127·83	127·91	131·08	129·33	128·66	128·33	.....
22	140·24	135·74	131·16	129·99	128·49	127·74	127·99	130·99	129·33	128·66	128·33	.....
23	140·66	135·41	131·08	129·83	128·49	127·66	128·08	130·83	129·24	128·66	128·33	.....
24	140·91	135·16	130·99	129·83	128·33	127·66	128·24	130·74	129·24	128·66	128·33	132·66
25	140·99	134·91	130·91	129·83	128·16	127·58	128·41	130·66	129·16	128·66	128·33	132·41
26	141·08	134·66	130·66	129·74	128·08	127·49	128·58	130·49	129·08	128·58	.....	132·33
27	140·91	134·49	130·49	129·66	127·99	127·41	128·74	130·33	128·99	128·58	.....	132·24
28	140·91	134·41	130·41	129·66	127·91	127·33	129·16	130·33	128·91	128·58	.....	132·16
29	140·83	134·33	130·33	129·66	127·83	127·24	129·33	130·33	128·91	128·49	.....	131·99
30	140·74	134·16	130·24	129·66	127·74	127·24	129·49	130·41	128·83	128·49	.....	131·83
31	.....	133·99	.....	129·66	127·83	.....	129·66	.....	128·83	128·49	.....	131·74

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1871–72.

TABLE No. 317.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·74	138·24	136·33	132·58	130·33	128·33	126·66	128·66	128·24	127·66	127·41	127·16
2	131·74	138·41	135·99	132·41	130·24	128·16	126·66	128·66	128·16	127·66	127·41	127·16
3	131·83	138·49	135·99	132·24	130·16	127·99	126·83	128·66	128·16	127·74	127·41	127·16
4	131·91	138·74	135·91	132·16	129·99	127·99	126·91	128·83	128·16	127·74	127·41	127·16
5	132·33	139·16	135·83	132·16	129·91	127·99	126·91	128·83	128·08	127·74	127·41	127·16
6	131·91	139·41	135·58	132·08	129·91	127·91	127·16	128·83	127·99	127·74	127·41	127·16
7	131·91	139·83	135·33	131·99	129·83	127·83	127·24	128·83	127·99	127·74	127·33	127·16
8	131·91	139·99	135·33	131·83	129·74	127·66	127·16	128·83	127·99	127·74	127·33	127·08
9	132·41	140·33	135·16	131·74	129·74	127·66	127·16	128·83	127·91	127·83	127·33	127·08
10	133·16	140·58	134·99	131·66	129·66	127·41	127·16	128·66	127·91	127·83	127·33	127·08
11	133·91	140·58	134·91	131·49	129·58	127·41	127·16	128·66	127·91	127·74	127·24	126·99
12	134·16	140·58	134·83	131·33	129·49	127·41	127·16	128·66	127·91	127·74	127·24	126·99
13	134·24	140·33	134·66	131·24	129·33	127·33	127·16	128·66	127·91	127·74	127·24	126·99
14	134·24	140·33	134·66	131·16	129·24	127·33	127·16	128·41	127·91	127·74	127·24	126·99
15	134·33	140·33	134·58	131·16	129·16	127·33	127·16	128·74	127·91	127·66	127·24	126·91
16	134·41	139·91	134·58	131·33	129·08	127·24	127·33	128·83	127·91	127·66	127·33	126·83
17	134·41	139·33	134·41	131·24	128·99	127·16	127·41	128·91	127·91	127·66	127·33	126·83
18	134·66	138·83	134·41	131·24	128·83	127·16	127·49	128·99	127·91	127·66	127·24	126·83
19	134·91	138·66	134·41	131·16	128·83	127·16	127·66	128·83	127·91	127·66	127·24	126·74
20	135·16	138·24	134·41	130·99	128·74	127·08	127·66	128·83	127·91	127·66	127·24	126·74
21	135·66	138·08	134·33	131·08	128·66	127·08	127·66	128·83	127·83	127·66	127·16	126·74
22	135·66	137·83	134·16	130·99	128·58	127·08	127·74	128·83	127·74	127·58	127·16	126·74
23	135·66	137·66	133·91	130·91	128·58	126·99	127·91	128·83	127·74	127·58	127·16	126·74
24	136·33	137·41	133·66	130·74	128·58	126·83	127·99	128·83	127·74	127·58	127·16	126·66
25	136·41	137·16	133·16	130·74	128·58	126·74	127·99	128·83	127·83	127·58	127·16	126·66
26	136·74	136·99	132·66	130·66	128·58	126·66	128·16	128·83	127·83	127·58	127·16	126·66
27	136·83	136·91	132·66	130·58	128·58	126·66	128·33	128·66	127·74	127·58	127·24	126·66
28	137·33	136·74	132·66	130·58	128·58	126·74	128·33	128·41	127·74	127·58	127·24	126·66
29	137·41	136·66	132·66	130·58	128·41	126·83	128·41	128·24	127·66	127·49	127·24	126·66
30	137·99	136·66	132·66	130·58	128·16	126·66	128·41	128·24	127·66	127·49	.....	126·66
31	.....	136·49	.....	130·49	128·16	.....	128·41	.....	127·66	127·49	.....	126·66

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1872–73.

TABLE No. 318.

1	126·66	132·66	137·83	132·91	130·33	128·58	130·66	131·99	129·66	128·99	128·49	128·66
2	126·66	132·91	137·66	132·58	130·16	128·58	130·66	132·08	129·49	128·99	128·49	128·58
3	126·66	133·24	137·49	132·41	130 16	128·66	130·66	132·24	129·49	128·99	128·49	128·58
4	126·66	133·58	137·49	132·33	130·16	128·58	130·58	132·41	129·49	128·91	128·66	128·58
5	126·66	133·74	137·41	132·49	130·16	128·66	130·58	132·66	129·66	128·99	128·91	128·58
6	126·66	133·99	137·41	132·24	130·16	128·66	130·66	132·41	129·66	128·99	128·99	128·58
7	126·74	134·49	137·33	132·08	129·91	128·74	130·99	132·41	129·66	128·99	128·91	128·66
8	126·74	134·74	137·16	131·99	129·74	128·83	131·33	132·24	129·49	128·91	128·91	128·66
9	127·08	135·16	136·99	131·99	129·66	128·91	131·33	132·33	129·49	128·91	129·08	128·66
10	127·66	135·41	136·83	131·91	129·66	128·91	131·49	131·99	129·58	128·91	129·24	128·58
11	128·66	135·41	136·83	131·83	129·66	128·91	131·66	131·66	129·58	128·83	129·24	128·58
12	128·91	135·66	136·74	131·66	129·66	128 91	131·49	131·66	129·49	128·83	129·24	128·66
13	129·58	135·91	136·66	131·58	129·58	128·91	131·49	131·74	129·41	128·83	129·08	128·66
14	130·08	136·16	136·33	131·49	129·49	128·91	131·41	131·74	129·33	128·83	128·99	128·66
15	130·16	136·41	136·49	131·41	129·33	128·99	131·33	131·83	129·33	128·83	128·83	128·74
16	130·16	136·66	135·99	131·33	128·99	129·16	131·41	131·83	129·33	128·74	128·74	128·83
17	130·08	136·66	135·66	131·24	128 99	129·41	131·24	131·74	129·33	128·83	128·66	128·91
18	130·08	136·66	135·58	131·24	128 83	129·66	131·16	131·74	129·24	128·74	128·66	128·91
19	130·16	136·91	135·49	131·16	128 74	129·99	130·99	131·66	129·24	128·83	128·66	128·91
20	130·24	137·16	135·16	131·08	12 ·83	130·33	131·66	131·66	129·16	128·83	128·58	128·99
21	130·66	137·16	134·99	130·99	128 91	130·99	131·66	131·66	129·16	128·83	128·58	128·99
22	130·91	137·49	134·66	130·91	128 99	130·99	131·66	131·49	129·24	128·74	128·58	128·99
23	130·99	137·66	134·49	130·58	128 99	130·99	131·91	131·49	129·24	128·74	128·58	128·91
24	131·16	138·16	134·24	130·49	128·99	130·99	131·83	131·33	129·24	128·74	128·58	128·91
25	131·24	138·49	134·08	130·49	128·91	130·91	131·66	131·16	129·16	128·74	128·58	128·91
26	131·41	138·16	133·74	130·41	128 74	130·91	131·66	131·16	129·08	128·66	128·66	128·91
27	131·66	137·83	133·66	130·41	128 74	130·74	131·74	130·66	129·08	128·66	128·66	128·91
28	131·91	137·74	133·49	130·41	128·66	130·74	131·99	130·33	128·99	128·66	128·66	128·83
29	132·16	137·74	133·33	130·33	128·58	130·74	132·41	129·99	128·99	128·66	.....	128·83
30	132·24	137·66	133·16	130·41	128·58	130·66	132·08	129·99	128·99	128·58	.....	128·99
31	.....	137·66	.....	130·33	128·58	.....	131·83	.....	129·08	128·58	.....	129·16

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1873–74.

TABLE No. 319.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	129·49	134·16	141·66	133·99	131·66	129·99	130·24	132·66	129·66	129·91	130·66	129·49
2	129·58	134·24	141·08	133·91	131·58	130·08	130·33	132·74	129·49	129·91	130·49	129·58
3	129·91	134·49	140·74	133·83	131·66	129·99	130·33	132·91	129·41	129·91	130·24	129·83
4	130·08	134·74	140·41	133·83	131·66	129·83	130·41	133·08	129·41	129·91	130·24	130·16
5	130·74	134·99	140·16	133·83	131·49	129·99	130·91	132·91	129·33	129·83	130·16	130·41
6	130·74	135·24	139·99	134·08	131·49	129·91	131·83	132·66	129·24	129·91	130·16	130·49
7	130·99	135·58	139·58	134·24	131·33	129·91	132·33	132·49	129·49	130·16	130·16	130·58
8	131·16	135·83	139·16	134·16	131·33	129·91	132·66	132·41	129·99	130·41	130·08	130·66
9	131·33	136·33	138·83	134·16	131·08	129·91	132·41	132·49	130·16	130·74	130·08	130 66
10	131·49	136·49	138·74	134·16	130·74	129·91	132·16	132·66	129·99	139·99	129·99	130·74
11	131·66	137·16	138·66	134·08	130·66	129·91	132·08	132·49	129·99	130·99	129·91	130·66
12	131·99	137·49	138·66	133·99	130·66	129·83	131·99	132·41	129·91	131·08	129·91	130·58
13	132·33	137·74	138·58	133·99	130·66	129·74	131·99	132·41	129·83	131·08	129·83	130·41
14	132·83	138·16	138·41	133·91	130·66	129·74	131·83	132·41	129·91	131·16	129·91	130·24
15	133·41	138·33	138·33	133·91	130·66	129·74	131·66	132·08	130·08	131·08	129·99	130·24
16	133·83	138·58	138·16	133·24	130·49	129·74	131·74	132·08	130·24	131·08	129·91	130·41
17	134·16	138·66	137·83	132·83	130·41	129·74	131·83	131·99	130·41	131·08	129·91	130·41
18	134·91	138·99	137·16	132·66	130·24	129·74	131·83	131·83	130·58	130·83	129·91	130·58
19	134·99	138·99	136·66	132·49	130·24	129·66	132·16	131·66	130·66	130·66	129·91	130·66
20	134·99	138·83	136·41	132·41	130·24	129·83	132·33	131·66	130·91	130·66	129·83	130·66
21	134·99	138·74	136·16	132·41	130·24	129·74	132·41	131·58	130·74	130·58	129·74	130·66
22	135·08	138·66	136·08	132·16	130·08	129·74	132·41	131·41	130·58	130·58	129·74	130·99
23	134·91	138·49	135·91	132·08	129·99	129·74	132·58	131·16	130·49	130·66	129·66	131·49
24	134·91	138·49	135·83	131·99	129·83	129·91	132·74	130·91	130·41	130·66	129·66	131·83
25	134·99	138·58	135·66	131·66	129·66	129·91	132·66	130·74	130·41	130·66	129·58	131·83
26	134·91	138·66	135·41	131·83	129 66	129·99	132·83	130·66	130·41	130·74	129·58	131·66
27	134·58	138·66	135·16	131·83	129·66	129·99	132·83	130·49	130·33	130·83	129·49	131·58
28	134·16	138·99	134·83	131·83	129·58	129·99	132·91	130·16	130·16	130·91	129·49	131·41
29	133·99	139·08	134·66	131·83	129·49	130·24	132·91	129·99	129·99	130·91	.....	131·24
30	133·91	139·33	134·49	131·66	129·49	130·24	132·83	129·91	129·91	130·83	.....	131·16
31	.....	139·41	.....	131·49	129·49	.....	132·83	.....	129·91	130·83	.....	130·91

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1874–75.

TABLE No. 320.

1	130·83	131·83	139·66	137·33	132·16	128·91	127·66	127·83	128·24	128·08	127·49	127·49
2	130·74	131·74	139·74	137·16	131·83	128·83	127·66	127·83	128·16	128·08	127·41	127·49
3	130·66	131·66	139·83	136·91	131·66	128·83	127·66	127·83	128·24	127·99	127·41	127·49
4	129·99	131·66	139·49	136·66	131·33	128·74	127·74	127·83	128·24	127·99	127·49	127·49
5	130·41	131·83	139·41	136·49	131·08	128·66	127·83	127·99	128·24	127·91	127·58	127·49
6	130·24	132·16	139·33	136·33	131·08	128·58	127·74	128·16	128·16	127·91	127·58	127·4
7	130·16	132·41	139·33	135·99	131·08	128·41	127·83	128·08	128·24	127·91	127·58	127·49
8	130·16	132·49	139·41	135·74	131·08	128·33	127·83	128·08	128·24	127·91	127·66	127·49
9	129·99	132·66	139·16	135·66	130·91	128·24	127·99	128·08	128·24	127·91	127·66	127·49
10	129·91	133·33	138·91	135·58	130·74	128·16	127·99	128·24	128·33	127·91	127·66	127·49
11	129·91	133·91	138·91	134·66	130·66	128·08	127·99	128·24	128·33	127·91	127·58	127·41
12	129·91	134·16	138·91	135·16	130·58	127·99	127·99	128·24	128·33	127·91	127·58	127·41
13	129·91	134·66	138·83	135·08	130·41	127·99	127·99	128·24	128·33	127·91	127·49	127·41
14	129·91	135·16	138·74	134·66	130·41	127·99	127·99	128·24	128·33	127·91	127·49	127·41
15	130·24	135·66	138·66	134·49	130·24	127·99	127·99	128·24	128·33	127·83	127·49	127·41
16	130·91	135·91	138·66	134·41	130·16	127·99	127·99	128·24	128·24	127·83	127·49	127·49
17	131·08	136·58	138·58	133·99	130·08	127·99	127·91	128·08	128·24	127·74	127·49	127·49
18	131·41	137·16	138·49	133·99	129·99	127·99	127·99	128·33	128·24	127·74	127·49	127·41
19	131·58	137·41	138·41	133·99	129·99	127·99	127·99	128·33	128·24	127·66	127·49	127·41
20	131·74	138·16	138·66	133·99	129·91	127·99	127·91	128·41	128·24	127·66	127·41	127·41
21	131·91	138·91	138·83	133·66	129·83	127·91	127·91	128·24	128·24	127·66	127·41	127·41
22	132·08	139·11	139·08	133·41	129·74	127·91	127·91	128·08	128·16	127·58	127·41	127·49
23	132·08	139·41	138·91	133·16	129·58	127·91	127·83	128·24	128·16	127·58	127·41	127·49
24	132·16	139·49	138·74	133·08	129·49	127·91	127·83	128·16	128·16	127·58	127·41	127·41
25	132·16	139·66	138·58	132·74	129·49	127·91	127·74	128·24	128·16	127·58	127·41	127·41
26	132·16	138·99	138·49	132·74	129·41	127·83	127·83	128·24	128·16	127·58	127·41	127·49
27	132·16	139·41	138·41	132·66	129·41	127·83	127·66	128·24	128·16	127·49	127·49	127·49
28	132·08	139·41	138·24	132·41	129·41	127·74	127·83	128·24	128·08	127·49	127·49	127·49
29	131·99	139·41	137·91	132·33	129·41	127·66	127·83	128·24	128·16	127·49	.....	127·41
30	131·99	139·41	137·74	132·16	129·33	127·66	127·83	128·33	128·08	127·49	.....	127·41
31	.....	139·41	.....	132·16	128·99	.....	127·83	.....	128·08	127·49	.....	127·41

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1875–76.

TABLE No. 321.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	132·66	139·08	132·99	130·66	.....	128·83	130·66	129·99	129·41	130·16	129·16
2	.....	133·16	138·74	132·66	130·41	.....	128·74	130·66	129·74	129·66	130·08	129·16
3	.....	133·66	138·58	132·41	130·33	.....	128·83	130·58	129·66	129·66	130 08	129 16
4	.....	133·83	138·33	132·41	130·24	.....	128·83	130·66	129·58	129·66	129·99	129·08
5	.....	134·16	137·99	132·41	130·16	.....	128·91	130·74	129·66	129·58	129·91	128·99
6	.....	134·33	137·66	132·33	130·16	.....	128·91	130·74	129·66	129·58	129·83	129·08
7	.....	134·83	137·16	132·41	130·16	.....	129·41	130·83	129·58	129·58	129·74	129·33
8	.....	135·16	136·99	132·16	130·16	.....	129·41	130·74	129·66	129·58	129·74	129·99
9	.....	135·66	136·74	131·99	130·16	.....	129·58	130·83	129·58	129·66	129·66	130·66
10	.....	136·16	136·58	131·99	130·16	.....	129·66	130·83	129·58	129·83	129·66	131·16
11	.....	136·66	136·33	131·83	130·16	.....	129·74	130·83	129·49	129·83	129·66	131·41
12	.....	137·66	136·24	131·66	130·16	.....	129·83	130·83	129·41	129·74	129·66	131·16
13	.....	138·16	136·16	131·66	130·16	.....	129·99	130·83	129·33	129·74	129·58	131·41
14	.....	138·66	135·83	131·49	130·16	.....	129·99	130·91	129·33	129·74	129·58	131·41
15	.....	139·16	135·49	131·41	130·16	.....	130·16	130·66	129·24	129·66	129·66	131·24
16	.....	140·33	135·16	131·24	130·33	.....	130·41	130·66	129·24	129·58	129·66	131·16
17	.....	140·99	134·91	131·33	130·41	.....	130·33	130·66	129·16	129·49	129·74	131·16
18	.....	141·08	134·49	131·24	130·66	.....	130·33	130·66	129·16	129·49	129·74	131·08
19	.....	141·33	134·41	131·08	130·91	.....	130·33	130·41	129·08	129·66	129·66	130·83
20	.....	141·33	134·33	131·16	131·16	.....	130·33	130·41	128·91	129·99	129·58	130·58
21	.....	141·24	134·16	131·24	130·91	.....	130·58	130·41	128·91	130·33	129·49	130·49
22	.....	140·99	134·08	131·24	130·99	.....	130·41	130·33	128·91	130·33	129·49	130·49
23	.....	140·83	133·99	131·08	131·08	.....	130·16	130·41	128·99	130·41	129·49	130·58
24	.....	140·66	133·66	130·91	130·99	.....	130·16	130·58	128·99	130·41	129·49	130·58
25	.....	140·49	133·58	130·99	130·91	.....	130·24	130·66	129·08	130·49	129·41	130·66
26	.....	140·41	133·41	130·99	130·91	.....	130·41	130·41	128·99	130·49	129·41	130·58
27	.....	140·24	133·41	130·99	130·83	.....	130·41	130·41	128·99	130·41	129·33	130·49
28	.....	139·83	133·41	131·16	130·74	.....	130·33	130·41	128·99	130·33	129·24	130·49
29	.....	139·66	132·91	131·08	130·49	.....	130·33	130·33	128·91	130·33	129·16	130 58
30	.....	139·66	133·08	131·08	130·33	.....	130·16	130·24	129·08	130·24	.....	130·58
31	.....	139·49	.....	131·08	130·16	.....	130·41	.....	129·16	130·24	.....	130·49

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1876–77.

TABLE No. 322

1	130·58	139·41	142·83	137·16	131·99	128·74	.....	129·58	130·49	129·33	127·99	127·49
2	130·49	139·41	142·66	136·99	131·49	128·66	.....	129·74	130·41	129·33	127·99	127·49
3	130·41	139·41	142·24	136·83	131·49	128·66	.....	129·91	130·33	129·33	127·91	127·49
4	130·41	139·66	141·66	136·49	131·49	128·66	.....	129·74	130·24	129·33	127·91	127·49
5	130·41	139·83	141·16	136·24	131·49	128·58	.....	129·74	130·24	129·08	127·91	127·49
6	130·41	139·99	140·91	136·41	131·41	128·49	.....	129·74	130·16	128·99	127·83	127·49
7	130·41	140·66	140·66	136·33	131·33	128·41	.....	129·83	130·16	128·91	127·83	127·58
8	130·49	141·24	140·41	136·16	130·91	128·24	.....	130·58	129·99	128·91	127·83	127·58
9	130·58	141·99	140·16	136·24	130·83	128·16	.....	130·66	129·99	128·83	127·83	127·58
10	130·66	143·08	139·91	136·33	130·83	128·16	.....	130·58	129·99	128·74	127·83	127·58
11	130·83	143·41	139·66	135·83	130·58	128·16	.....	130·74	129·91	128·74	127·74	127·58
12	131·16	144·16	139·49	135·74	130·58	128·08	.....	130·99	129·91	128·66	127·83	127·58
13	131·49	144·66	139·41	135·66	130·41	127·91	.....	130·91	129·91	128·66	127·83	127·49
14	131·99	145·16	139·41	135·49	130·24	127·74	.....	131·16	129·91	128·66	127·74	127·49
15	132·83	145·49	139·33	135·16	130·16	127·74	.....	131·33	129·83	128·58	127·74	127·49
16	133·16	145·58	139·41	134·83	129·99	127·99	.....	131·33	129·83	128·58	127·74	127·49
17	133·58	145·49	139·49	134·49	129·91	127·74	.....	131·16	129·83	128·58	127·74	127·49
18	134·33	145·49	139·49	133·99	129·91	127·66	.....	131·16	129·74	128·49	127·83	127·49
19	135·33	145·49	139·49	133·83	129·91	127·91	.....	130·99	129·74	128·49	127·91	127·49
20	135·99	145·41	139·58	133·66	129·83	127·83	.....	130·99	129·74	128·49	127·91	127·49
21	135·99	145·33	139·58	133·41	129·66	127·74	.....	130·83	129·66	128·41	127·83	127·49
22	136·49	144·99	139·24	133·24	129·49	127·74	.....	130·83	129·49	128·33	127·74	127·49
23	136·66	144·74	138·99	133·08	129·41	127·66	.....	130·83	129·41	128·24	127·74	127·49
24	136·83	144·58	138·83	132·74	129·24	127·66	.....	130·83	129·41	128·16	127·66	127·41
25	137·24	144·41	138·49	132·74	129·16	127·58	.....	130·83	129·41	128·16	127·66	127·41
26	137·58	144·16	138·16	132·66	129·08	127·58	.....	130·74	129·41	128·08	127·66	127·41
27	137·99	144·08	137·99	132·66	128·99	127·58	.....	130·74	129·33	128·08	127·66	127·58
28	138·16	143·91	137·83	132·49	128·91	127·58	.....	130·74	129·33	128·08	127·58	127·74
29	138·66	143·74	137·41	132·49	128·83	127·49	.....	130·58	129·33	128·08	.....	127·99
30	138·91	143·49	137·41	132·49	128·74	127·49	.....	130·58	129·33	127·99	.....	128·49
31	.....	143·24	.....	132·49	128·74	.....	.....	.....	129·33	127·99	.....	128·41

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1877-78.

TABLE No. 323.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	128·74	135·41	133·83	131·66	130·41	129·08	127·66	129·24	131·91	130·58	129·08	128·08
2	129·24	135·41	133·66	131·58	130·24	128·99	127·66	129·24	132·16	130·41	129·08	127·99
3	129·66	135·41	133·49	131·49	130·16	128·99	127·66	129·24	132·33	130·33	128·99	127·99
4	129·99	135·41	133·33	131·49	130·16	128·91	127·74	129·41	132·24	130·24	128·83	127·99
5	130·33	135·41	133·16	131·49	130·16	128·91	127·83	129·33	132·33	130·16	128·66	128·08
6	130·99	135·33	132·99	131·49	130·08	128·91	127·91	129·41	132·49	129·91	128·41	128·16
7	130·83	135·08	132·91	131·49	129·83	128·91	127·91	129·58	132·24	129·91	128·24	128·24
8	130·99	134·83	132·83	131·49	129·74	128·74	127·91	129·66	131·99	129·83	128·24	128·33
9	131·08	134·83	132·74	131·49	129·66	128·74	127·99	129·91	131·91	129·83	128·24	128·49
10	131·33	134·66	132·66	131·49	129·74	128·74	128·16	129·99	131·91	129·66	128·24	128·99
11	131·49	134·66	132·49	131·49	129·66	128·74	128·41	129·99	131·83	129·74	128·24	129·49
12	131·66	134·58	132·33	131·33	129·66	128·74	128·41	130·16	131·91	129·83	128·24	129·66
13	131·66	134·41	132·24	131·16	129·66	128·74	128·49	130·16	131·91	129·83	128·24	129·66
14	131·74	134·41	132·16	131·08	129·58	128·66	128·49	130·08	131·91	129·83	128·16	129·49
15	131·83	134·24	132·08	130·99	129·58	128·66	128·58	130·16	132·08	129·74	128·08	129·41
16	131·91	133·91	131·99	130·91	129·49	128·58	128·58	129·91	131·91	129·83	128·08	129·4
17	132·16	133·91	132·16	130·91	129·66	128·58	128 66	130·08	131·83	129·66	128·16	129·66
18	132·33	133·91	132·08	130·91	129·74	128·58	128·83	130·16	131·91	129·58	128·16	129·83
19	132·49	133·91	131·99	131·16	129·66	128·49	128·91	130·08	131·66	129·58	128·08	129·83
20	132·83	133 91	131·91	130·91	129·66	128·41	128·99	130·33	131·41	129·49	128·08	129·74
21	133·49	133·91	131·91	130·91	129·74	128·41	128·99	130·58	131·33	129·41	128·08	129·74
22	133·99	134·16	131·99	130·74	129·66	128·33	129·16	130·91	131·33	129·41	127·91	129·66
23	134·24	134·24	131·83	130·74	129·66	128·24	129·33	130·91	131·24	129·33	127·99	129·58
24	134·41	134·24	131·74	130·66	129·58	128·16	129·41	130·99	131·16	129·24	127·99	129·49
25	134·66	134·24	131·74	130·58	129·49	127·91	129·41	131·08	131·08	129·24	128·08	129·41
26	134·83	134·24	131·74	130·49	129·24	127·74	129·41	131·16	130·99	129·24	128·16	129·33
27	135·08	134·24	131·74	130·49	129·24	127·66	129·41	131·49	130·99	129·16	128·08	129·24
28	135·16	134·16	131·66	130·41	129·08	127·66	129·41	131·83	130·99	129·16	128·08	129·16
29	135·33	134·08	131·66	130·41	128·99	127·58	129·49	131·91	130·91	129·16	.....	129·16
30	135·41	133·99	131·66	130·41	128·99	127·58	129·41	131·91	130·83	129·16	.....	129·16
31	.....	133·91	.....	130·41	129·16	.....	129·33	.....	130·66	129·08	.....	129·24

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1878-79.

TABLE No. 324.

1	129·41	133·66	133·83	131·16	129·83	129·08	130·99	135·16	133·66	131·74	129·08	128·83
2	129·41	133·66	133·91	131·16	129·91	128·99	130·91	135·16	133·41	131·74	129·16	128·83
3	129·41	133·74	133·91	131·16	129·83	128·91	130·91	135·16	133·74	131·66	129·16	128·83
4	129·49	133·74	133·91	131·16	129·74	128·74	130·91	134·91	134·24	131·66	129·16	128·83
5	129·58	134·08	133·74	131·08	129·66	128·83	130·91	134·91	134·08	131·66	129·16	128·83
6	129·66	134·41	133·58	131·08	129·66	128·74	130·83	134·91	133·91	131·66	129·08	128·74
7	129·83	134·58	133·41	131·08	129·66	128·66	130·74	134·83	133·49	131·58	129·08	128·74
8	129·99	134·66	133·16	131·08	129·66	128·58	130·91	134·58	133·33	131·58	129·08	128·74
9	129·99	134·74	133·08	131·08	129·74	128·49	130·74	134·33	133·16	131·49	129·08	128·83
10	130·16	134·83	132·99	131·08	129·83	128·41	130·66	134·33	132·99	131·49	129·16	128·83
11	130·16	134·91	132·91	131·08	129·74	128·33	130·74	134·16	133·49	131·49	129·16	128·83
12	130·49	135·16	132·91	131·08	129·74	128·16	130·66	133·99	133·74	131·49	129·16	128·83
13	130·99	135·08	132·91	131·08	129·83	127·99	130·83	133·83	133·91	131·49	129·08	128·91
14	131·41	135·08	132·74	130·99	129·83	128·16	130·99	133·74	134·16	131·33	129·08	128·91
15	131·66	135·08	132·66	130·83	129·83	128·33	130·99	133·66	133·99	131·16	129·08	128·99
16	131·83	134·99	132·66	130·66	129·74	128·33	131·33	133·49	133·83	130·99	129·08	128·99
17	131 83	134 99	132·58	130·58	129·83	128·41	131·66	133·58	133·66	130·74	129·08	128·99
18	131·91	134·91	132·49	130·58	129·91	128·58	131·66	133·66	133·58	130·58	128·99	128·99
19	131·99	134·99	132·41	130·49	129·99	128·91	131·83	133·66	133·41	130·24	128·99	128·99
20	132·08	135·08	132·33	130·49	129·99	129·24	132·08	133·66	133·24	129·83	128·99	129·08
21	132·49	135·16	132·16	130·49	129·91	129·91	132·41	133·41	133·16	129·66	128·99	129·08
22	132·91	135·08	131·99	130·49	129·91	130·33	132·66	133·49	133·16	129·49	128·91	129·08
23	133·08	134·99	131·91	130·49	129·83	130·49	132·91	133·49	132·99	129·41	128·91	129·08
24	133·33	134·83	131·83	130·33	129·66	130·66	133·16	133·66	132·91	129·33	128·91	128·99
25	133·41	134·66	131·74	130·16	129·58	130·91	133·33	133·74	132·91	129·24	128·83	128·99
26	133·41	134·49	131·66	129·99	129·58	131·16	133·41	133·91	132·83	129·24	128·83	128·99
27	133·49	134·16	131·49	129·91	129 41	130·91	133·91	133·91	132·49	129·24	128·83	129·08
28	133·49	133·99	131·41	129·91	129·41	130·99	134·41	134·08	132·33	129·24	128·83	129·16
29	133·58	133·91	131·41	129·91	129·33	130·99	134·66	134·16	132·08	129·16	.....	129·24
30	133·66	133·83	131·24	129·83	129·16	130·99	134·99	134·24	131·91	129·16	.....	129·33
31	.....	133·99	..	129·74	129·16	.....	135·16	..	131·74	129·08	.....	129·41

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1879-80.

TABLE No. 325.

Day.	April.	May.	June.	July.	Aug	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	129·41	136·91	138·33	133·74	131·99	129·41	129·41	128·24	128·66	.....	129·74	129·41
2	129·49	137·41	137·91	133·49	131·91	129·24	129·33	128·16	128·83	.....	129·74	129·58
3	129·58	137·83	137·91	133·24	131·66	129·16	129·41	128·08	129·08	.....	129·74	129·74
4	129·58	138·33	137·91	133·08	131·41	129·41	129·41	128·08	129·41	.....	129·66	129·99
5	129·66	138·74	137·66	132·91	131·16	129·33	129·33	128·16	129·49	.....	129·66	130·16
6	129·66	138·83	137·24	132·83	130·91	129·24	129·24	128·16	129·58	.....	129·58	130·41
7	129·66	138·83	136·83	132·83	130·74	129·16	129·16	128·08	129·74	.....	129·58	130 58
8	129·66	138·91	136·66	132·74	130·83	129·16	129·16	127·99	130·08	.....	129·49	130·74
9	129·83	138·91	136·49	132·66	130·83	129 16	129·08	127·91	130·16	.....	129·41	130·83
10	129·99	138·91	136·33	132·66	130·58	129·16	129·16	127·91	130·41	.....	129·33	130·83
11	130·24	138·99	136·16	132·58	130·33	129·08	129·24	127·91	130·66	.....	129·24	130·74
12	130·33	139·16	135·91	132·58	130·16	128·91	129·08	127·91	130·91	.....	129·24	130·66
13	130·66	139·16	135·91	132·49	130·16	128·91	128·91	127·83	131·08	.....	129·16	130·49
14	130·99	139·24	135·91	132·49	130·16	128·99	128·74	127·83	131·08	.....	129·16	130·41
15	131·24	139·49	135·83	132·49	130·08	129·24	128·66	127·91	131·08	.....	129·16	130·33
16	131·49	139·99	135·74	132·58	129·99	129·41	128·66	128·41	131·08	.....	129·16	130·24
17	132·41	140·49	135·83	132·41	129·91	129·66	128·66	128·49	131·08	.....	129·16	130·08
18	132·83	141·24	135·49	132·41	129·91	129·66	128·74	128·49	130·99	.....	129·08	129·99
19	133·08	141·66	135·16	132·33	129·91	129·74	128·74	128·49	130·83	.....	129·08	129·91
20	133·41	141·91	135·16	132·33	129·66	129·66	128·66	128·58	130·66	.....	129·08	129·83
21	133·74	141·99	135·16	132·33	129·66	129·66	128·66	128·91	130·58	.....	128·99	129·83
22	133·83	141·83	134·99	132·33	129·66	129·66	128·66	128·66	130·58	.....	129·08	129·74
23	133·99	141·66	134·83	132·16	129·66	129·66	128·74	128·66	130·58	.....	129·16	129·74
24	134·16	141·49	134·66	131·99	129·66	129·58	128·74	128·58	130·49	.....	129·24	129·66
25	134·41	141·16	134·49	131·83	129·58	129·58	128·83	128·66	130·49	.....	129·24	129·58
26	134·58	140·83	134·41	131·74	129·58	129·58	128·74	128·49	130·41	.....	129·24	129·49
27	134·91	140·41	134·33	131·91	129·49	129·58	128·58	128·66	130·41	.....	129·33	129·41
28	135·33	139·91	134·33	132·08	129·41	129·49	128·41	128·74	130·33	.....	129·33	129·41
29	135·99	139·49	134·16	132·16	129·49	129·41	128·33	128·91	130·33	.....	129·33	129·49
30	136·16	139·16	133·83	132·08	129·49	129·41	128·33	128·66	130·24	.....	.....	129·49
31	.....	138·74	.....	132·16	129·58	.....	128·33	.....	130·16	.....	.....	129·49

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1880-81.

TABLE No. 326.

1	129·74	137·66	139·49	134·91	131·99	129·33	128·74	130·41	132·08	129·74	128·49	128·33
2	129·99	137·66	139·16	134·66	131·83	129·24	128·66	130·41	131·99	129·74	128·41	128·24
3	130·33	137·49	138·99	134·49	131·74	129·24	128·83	130·33	131·99	129·66	128·41	128·24
4	121·41	137·66	138·83	134·41	131·58	129·24	129·16	130·33	131·91	129·66	128·33	128·21
5	132·66	137·83	138·66	134·33	131·49	129·33	129·33	130·41	131·83	129·58	128·33	128·24
6	133·66	137·99	138·66	134·24	131·41	129·33	129·66	130·24	131·66	129·58	128·24	128·33
7	133·74	138·16	138·49	133·99	131·24	129·41	129·41	130·41	131·49	129·58	128·16	128·33
8	133·91	138·33	138·41	133·49	131·16	129·41	129·58	130·58	131·41	129·49	128·16	128·41
9	133·83	138·66	138·33	133·41	130·99	129·49	129·66	130·91	131·33	129·49	128·16	128·41
10	133·83	139·16	138·24	133·33	130·91	129·49	129·66	131·41	131·24	129·41	128·24	128·49
11	133·83	139·33	138·16	133·24	130·83	129·49	129·66	132·41	131·16	129·41	128·33	128·49
12	133·66	139·66	138·08	133·16	130·74	129·41	129·91	133·49	130·99	129·33	128·41	128·49
13	133·49	139·83	137·99	132·99	130·66	129·33	129·74	132·91	130·83	129·33	128·49	128·58
14	133·58	140·16	137·83	132·83	130·58	129·21	129·66	133·91	130·74	129·33	128·58	128·66
15	133·66	140·49	137·74	132·66	130·49	129·16	129·74	133·99	130·83	129·24	128·49	128·74
16	133·74	140·66	137·66	132·58	130·49	129·16	129·71	133·99	130·83	129·24	128·58	128·83
17	133·91	140·66	137·58	132·41	130·41	129·08	129·83	134·08	130·83	129·24	128·58	129·08
18	133·91	140·66	137·41	132·33	130·33	129·08	129·91	134·24	130·74	129·16	128·49	129·49
19	134·49	140·74	137·16	132·24	130·16	129·16	129·99	134·08	130·74	129·16	128·49	129·74
20	134·91	140·66	136·99	132·16	130·08	129·16	130·08	133·74	130·74	129·16	128·49	130 41
21	135·08	140·49	136·74	132·24	129·91	129·08	130·16	133·41	130·66	129·16	128·49	130·91
22	135·16	140·33	136·58	132·16	129·91	128·99	130·16	133·16	130·58	129·08	128·49	131·41
23	135·58	140·49	136·33	132·08	129·91	128·83	130·16	132·91	130·49	129·08	128·41	131·41
24	135·91	140·33	135·99	131·99	129·71	128·74	130·24	132·74	130·41	128·99	128·33	131·24
25	136·16	140·33	135·91	131·99	129·66	128·66	130·16	132·49	130·33	128·91	128·33	131·08
26	136·58	140·33	135·83	131·91	129·66	128·66	129·99	132·41	130·33	128·83	128·24	130·91
27	136·91	140·16	135·74	131·99	129·49	128·66	130·08	132·24	130·33	128·83	128·24	130·66
28	137·08	139·99	135·66	131·99	129·41	128·74	130·16	132·24	130·33	128·74	128·33	130·33
29	137·24	139·91	135·58	131·91	129·66	128·66	130·16	132·16	130·24	128·66	.....	130·08
30	137·49	139·66	135·16	131·99	129·41	128·74	130·16	132·16	130·08	128·58	.....	129·91
31	.....	139·66	.....	131·91	129·33	.....	130·41	.....	129·91	128·49	.....	129·83

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1881-82.

TABLE No. 327.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130·08	134·41	136·74	130·99	129·41	127·49	.....	128·16	128·66	128·16	127·24	127·66
2	129·99	135·16	136·49	130·91	129·41	127·49	.....	128·16	128·74	128·16	127·24	127·83
3	129·99	135·91	136·33	130·91	129·41	127·49	.....	128·33	128·74	128·24	127·33	129·08
4	129·91	135·99	136·24	130·91	129·41	127·49	.....	128·33	128·49	127·91	127·24	129·58
5	129·66	135·91	136·08	130·91	129·33	127·49	.....	128·33	128·16	127·66	127·24	129·58
6	129·49	136·08	135·83	130·91	129·33	127·49	.....	128·41	128·24	127·58	127·16	129·49
7	129·41	136·33	135·66	130·91	129·33	127·49	.....	128·41	128·24	127·49	127·08	129·49
8	129·33	136·08	135·33	130·83	129·33	127·41	.....	128·58	127·99	127·41	126·99	129·08
9	129·24	135·91	135·08	130·83	129·16	127·41	.....	128·66	127·91	127·41	126·99	128·99
10	129·41	135·66	134·83	130·74	128·99	127·33	.....	128·83	127·91	127·41	126·99	128·99
11	129·58	136·16	134·66	130·66	128·83	127·24	.....	128·74	127·83	127·49	127·08	128·91
12	129·49	136·33	134·41	130·58	128·74	127·24	.....	128·74	127·74	127·49	126·99	128·83
13	129·41	136·66	134·16	130·49	128·66	127·16	.....	128·83	127·74	127·41	127·08	128·66
14	129·41	137·08	133·91	130·33	128·58	126·99	.....	128·83	127·83	127·41	127·16	128·58
15	129·41	137·49	133·66	130·16	128·49	126·91	.....	128·91	127·91	127·33	127·24	128·49
16	129·58	137·91	133·33	129·91	128·41	126·74	.....	128·99	127·99	127·24	127·41	128·41
17	129·66	137·91	132·99	129·83	128·33	126·66	.....	129·08	127·91	127·33	127·58	128·33
18	129·74	138·16	132·74	129·74	128·24	126·66	.....	129·16	127·83	127·24	127·74	128·24
19	129·83	138·41	132·58	129·66	128·16	126·66	.....	129·24	127·74	127·24	127·83	128·24
20	129·91	138·41	132·49	129·58	128·16	126·66	.....	129·33	127·66	127·24	127·91	128·16
21	130·08	138·41	132·41	129·49	128·08	126·66	.....	129·33	127·66	127·16	127·83	128·24
22	130·24	138·33	132·16	129·41	128·08	126·66	.....	129·24	127·58	127·16	127·66	128·08
23	130·33	138·24	131·99	129·41	127·99	126·66	.....	129·08	127·66	127·16	127·49	128·16
24	130·41	138·16	131·83	129·41	127·99	126·66	.....	128·83	127·58	127·16	127·41	128·08
25	130·58	137·91	131·66	129·41	127·91	126·66	.....	128·66	127·58	127·16	127·33	128·08
26	131·24	137·66	131·58	129·49	127·83	126·66	.....	128·66	127·58	127·16	127·24	128·16
27	131·66	137·49	131·49	129·49	127·74	126·49	.....	128·66	127·49	127·08	127·16	128·24
28	132·33	137·33	131·41	129·41	127·74	126·49	.....	128·66	127·49	127·08	127·49	128·33
29	133·16	137·16	131·24	129·41	127·66	126·58	.....	128·58	127·49	127·16	.....	128·41
30	133·58	137·08	131·08	129·41	127·58	126·58	.....	128·58	127·91	127·24	.....	128·66
31	.....	136·99	.....	129·41	127·49	.....	.....	.....	128·16	127·33	.....	128·83

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1882-83.

TABLE No. 328.

1	128·99	134·16	138·41	135·91	132·41	131·24	131·74	129·99	130·66	129·49	128·49	127·83
2	128·99	134·41	138·49	135·83	132·16	131·16	131·66	129·99	130·49	129·19	128·49	127·83
3	128·91	134·66	138·24	135·83	131·91	131·16	131·49	129·99	130·41	129·41	128·49	127·74
4	128·99	134·66	138·33	135·66	131·91	131·16	131·33	129·99	130·33	129·41	128·49	127·74
5	129·16	134·66	138·24	135·58	131·74	131·08	131·16	129·99	130·24	129·24	128·49	127·66
6	129·49	134·66	138·16	135·49	131·58	131·08	130·99	130·08	130·24	129·16	128·41	127·58
7	129·49	134·66	138·16	135·24	131·41	130·99	130·91	130·08	130·24	129·08	128·41	127·49
8	129·66	134·66	138·08	135·08	131·08	130·83	130·74	130·08	130·41	129·08	128·41	127·49
9	130·08	134·74	137·99	134·83	131·16	130·83	130·74	130·08	130·33	129·08	128·41	127·49
10	130·49	134·83	137·99	134·66	130·83	130·83	130·74	130·08	130·24	128·99	128·33	127·49
11	130·41	134·91	137·74	134·66	130·83	130·83	130·83	130·24	130·16	128·99	128·33	127·41
12	130·24	134·99	137·41	134·49	130·91	130·83	130·66	130·33	129·99	128·91	128·33	127·41
13	130·08	135·16	137·24	134·41	130·83	130·74	130·49	130·49	129·99	128·91	128·24	127·33
14	129·91	135·49	137·08	134·33	130·83	130·74	130·49	130·49	129·91	128·91	128·24	127·33
15	129·83	135·91	136·91	134·16	130·83	130·74	130·49	130·74	129·91	128·91	128·24	127·33
16	129·91	136·16	136·91	133·83	130·91	130·74	130·24	130·74	129·83	128·83	128·24	127·24
17	129·99	136·16	136·91	133·74	130·83	130·66	130·24	130·83	129·83	128·74	128·83	127·24
18	130·16	136·58	136·83	133·66	131·08	130·83	130·24	131·41	129·74	128·74	128·58	127·33
19	130·33	136·41	136·74	133·41	131·33	130·83	130·33	131·66	129·74	128·74	128·41	127·33
20	130·91	136·58	136·74	133·41	131·58	130·91	130·49	131·83	129·66	128·66	128·33	127·33
21	131·49	136·66	136·83	133·41	131·66	130·99	130·49	131·66	129·66	128·66	128·24	127·41
22	132·16	136·83	137·24	133·08	131·91	130·99	130·41	131·49	129·66	128·66	128·24	127·41
23	132·33	136·91	137·24	132·74	132·08	130·99	130·33	131·33	129·66	128·58	128·16	127·33
24	132·49	137·16	137·16	132·66	132·08	130·99	130·33	131·16	129·66	128·58	128·08	127·33
25	132·49	137·41	136·91	132·58	131·99	131·08	130·24	131·08	129·66	128·58	127·99	127·33
26	132·74	137·91	136·66	132·41	131·91	131·16	130·16	130·99	129·66	128·58	127·91	127·33
27	133·41	138·16	136·49	132·33	131·83	131·33	130·16	130·91	129·58	128·58	127·82	127·33
28	133·74	137·91	136·33	132·33	131·83	131·41	130·16	130·83	129·58	128·49	127·74	127·33
29	134·16	137·91	136·24	132·49	131·66	131·58	130·08	130·83	129·49	128·49	.....	127·24
30	134·41	138·16	136·08	132·41	131·58	131·83	130·08	130·74	129·49	128·49	.....	127·24
31	.....	138·16	.....	132·41	131·41	.....	130·08	.....	129·49	128·49	.....	127·24

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1883-84.

TABLE No. 329.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	127·24	133·66	136·99	136·66	133·49	130·41	129·91	130·74	132·91	130·33	128·83	128·08
2	127·24	133·41	136·99	136·74	133·33	130·33	129·99	130·83	132·66	130·16	128·74	128·08
3	127·16	133·41	136·99	136·83	133·16	130·24	129·99	130·83	132·41	130·08	128·66	127·99
4	127·16	133·58	136·91	136·83	133·08	130·16	129·99	130·91	132·08	129·99	128·58	127·91
5	127·16	133·66	136·83	136·91	132·91	129·99	129·99	130·99	131·74	129·99	128·49	127·91
6	127·24	133·74	136·74	136·66	132·74	129·91	129·91	131·08	131·66	129·99	128·41	127·83
7	127·24	133·83	136·66	136·41	132·66	129·91	129·99	131·33	131·66	129·91	128·41	127·83
8	127·33	134·16	136·58	136·41	132·58	129·83	129·99	131·41	131·74	129·91	128·33	127·74
9	127·49	134·33	136·41	136·16	132·41	129·83	129·91	131·58	131·91	129·83	128·24	127·74
10	127·83	134·16	136·58	135·91	132·08	129·91	129·83	131·74	131·91	129·74	128·16	127·74
11	128·49	134·91	136·24	135·66	132·08	129·83	129·83	131·99	131·83	129·66	128·08	127·74
12	129·99	135·33	136·41	135·49	131·99	129·83	129·74	131·99	131·74	129·58	128·08	127·74
13	131·16	135·74	136·41	134·99	131·91	129·91	129·74	132·08	131·66	129·49	127·99	127·74
14	132·66	135·74	136·49	134·99	131·91	129·99	129·83	132·08	131·58	129·49	127·99	127·83
15	133·58	135·74	136·49	135·16	131·58	130·16	129·99	132·16	131·49	129·41	127·99	127·83
16	134·41	135·83	136·41	135·16	131·24	130·16	130·24	132·16	131·24	129·41	127·99	127·83
17	134·74	135·74	136·41	135·16	130·99	130·16	130·33	132·16	131·08	129·33	128·08	127·83
18	134·83	135·91	136·49	135·33	130·91	130·16	130·41	131·99	130·91	129·24	128·08	127·83
19	134·91	135·91	136·49	135·41	130·91	130·08	130·58	131·91	130·99	129·16	128·16	127·83
20	134·99	135·74	136·66	135·41	130·99	129·99	130·83	131·91	130·83	129·16	128·16	127·83
21	135·16	135·66	136·66	135·33	130·91	129·91	130·83	131·99	130·74	129·16	128·16	127·91
22	135·08	135·66	136·74	135·33	130·91	129·91	130·74	132·08	130·58	129·16	128·08	127·99
23	134·99	135·83	136·49	134·83	130·91	129·83	130·66	132·08	130·49	129·08	128·08	128·08
24	134·91	136·24	136·41	134·66	130·91	129·74	130·74	132·16	130·41	129·08	127·99	128·33
25	134·91	136·58	136·33	134·66	130·91	129·91	130·66	132·24	130·41	128·99	128·08	128·99
26	134·33	136·58	136·33	134·49	130·83	129·83	130·66	132·41	130·41	128·91	128·08	129·83
27	134·24	136·66	136·41	134·33	130·66	129·83	130·66	132·66	130·41	128·83	128·08	130·66
28	134·16	136·83	136·41	133·99	130·66	129·74	130·74	133·16	130·49	128·74	128·16	131·58
29	133·99	136·66	136·41	133·91	130·58	129·83	130·74	133·16	130·41	128·66	128·16	132·66
30	133·91	136·66	136·41	133·83	130·58	129·83	130·74	133·16	130·41	128·66	.....	133·58
31	.....	136·58	.....	133·66	130·41	.....	130·83	.....	130·41	128·66	.....	133·66

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1884-85.

TABLE No. 330.

1	133·49	135·99	136·83	132·33	130·91	129·24	128·83	131·66	130·91	131·58	.....	128·74
2	133·49	136·91	136·66	132·24	130·99	128·99	128·83	131·66	130·91	132·24	.....	128·74
3	133·41	136·99	136·49	131·99	131·08	128·99	128·91	131·66	130·91	132·08	.....	128·74
4	133·33	137·41	136·33	131·83	131·16	128·91	128·91	131·58	130·91	131·99	.....	128·74
5	133·16	137·58	136·16	131·74	131·24	128·91	128·99	131·66	130·91	131·91	.....	128·74
6	133·08	137·83	135·83	131·74	131·49	128·83	129·08	131·99	131·49	131·74	.....	128·66
7	132·91	137·91	135·58	131·74	131·49	128·83	129·16	131·83	132·33	131·74	.....	128·58
8	132·66	138·24	135·41	131·58	131·49	128·83	129·33	131·66	133·41	131·83	.....	128·58
9	132·41	138·49	135·24	131·49	131·41	128·83	129·41	131·58	133·24	131·83	.....	128·49
10	132·66	138·66	135·08	131·33	131·41	128·74	129·41	131·41	133·08	131·91	.....	128·41
11	133·16	138·83	134·99	131·16	131·33	128·74	129·41	131·33	132·91	131·91	.....	128·41
12	133·58	138·83	134·91	131·08	131·33	128·74	129·41	131·33	132·91	131·91	.....	128·33
13	133·66	138·66	134·83	130·99	131·24	128·74	129·41	131·33	132·83	132·08	.....	128·33
14	133·74	138·66	134·74	130·99	131·08	128·66	129·49	131·24	132·83	131·74	.....	128·33
15	133·83	138·83	134·66	130·99	130·99	128·49	129·49	131·16	132·74	131·58	.....	128·33
16	133·91	138·66	134·58	130·91	130·91	128·58	129·66	131·16	132·74	131·41	.....	128·24
17	134·16	138·66	134·24	130·91	130·74	128·49	129·66	131·16	132·66	131·33	.....	128·24
18	134·58	138·66	134·08	130·83	130·58	128·49	129·74	131·16	132·33	131·24	.....	128·16
19	134·83	138·49	133·99	130·74	130·49	128·49	129·74	130·99	131·91	131·08	.....	128·16
20	134·99	138·49	133·83	130·66	130·33	128·58	129·74	130·91	131·66	130·91	.....	128·16
21	135·33	138·49	133·74	130·66	130·16	128·49	129·66	131·08	131·66	130·74	.....	128·08
22	135·66	138·49	133·58	130·49	130·24	128·49	129·74	130·91	131·66	130·74	.....	128·08
23	135·74	138·41	133·33	130·49	129·99	128·49	129·91	130·58	131·83	130·66	.....	128·08
24	135·83	138·41	133·24	130·49	129·91	128·41	129·91	130·74	131·74	130·58	.....	128·08
25	135·91	138·16	133·08	130·33	129·74	128·66	130·08	130·91	131·58	130·49	.....	127·99
26	135·99	137·99	132·91	130·16	129·66	128·66	130·58	131·16	131·33	130·41	.....	127·91
27	136·08	137·83	132·74	130·16	129·58	128·66	131·16	130·91	130·99	130·41	.....	127·91
28	136·16	137·58	132·74	130·33	129·41	128·58	131·24	131·08	130·99	130·33	.....	127·99
29	136·41	137·58	132·66	130·41	129·16	128·74	131·41	131·08	131·08	130·24	.....	127·99
30	136·49	137·24	132·49	130·49	129·33	128·83	131·66	131·08	130·99	130·08	.....	127·91
31	.....	137·08	.....	130·49	129·41	.....	131·66	.....	130·99	129·99	.....	127·91

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1885-86.

TABLE No. 331.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	127·83	139·33	138·41	135·66	132·49	129·91	129·08	129·33	130·49	129·66	130·49	129·83
2	127·91	138·99	138·41	135·49	132·33	129·83	128·99	129·16	130·41	129·58	130·33	129·66
3	127·99	138·66	138·41	135·33	132·16	129·66	128·99	129·41	130·41	129·99	130·16	129·66
4	127·99	138·16	138·33	135·16	132·08	129·66	128·91	129·66	130·33	130·49	130·08	129·58
5	127·99	137·66	138·16	135·16	131·99	129·66	128·91	129·66	130·33	130·99	129·99	129·49
6	127·99	137·41	137·91	134·91	131·91	129·66	128·83	129·66	130·33	131·99	129·99	129·33
7	127·91	137·66	137·74	134·66	131·74	129·58	128·83	129·83	130·24	132·66	129·91	129·24
8	127·91	137·66	137·58	134·91	131·66	129·49	128·74	130·08	130·16	133·33	129·83	129·16
9	127·99	137·91	137·33	134·83	131·49	129·41	128·66	130·58	130·08	133·24	129·74	129·16
10	128·08	138·16	137·16	134·66	131·41	129·41	128·66	131·16	130·16	133·16	129·74	129·16
11	128·24	138·41	136·99	134·49	131·33	129·41	128·66	130·99	130·16	132·99	129·74	129·16
12	128·41	138·58	136·74	134·49	131·24	129·33	128·58	130·74	130·16	132·74	129·66	129·08
13	128·58	138·83	136·41	134·41	131·16	129·16	128·49	130·83	130·16	132·41	129·66	128·99
14	128·83	139·16	136·16	134·41	131·16	129·33	128·41	130·99	130·08	132·24	129·74	128·91
15	129·08	139·16	135·91	134·41	131·08	129·33	128·66	131·08	130·08	132·24	129·83	128·91
16	129·49	139·08	135·66	134·41	130·99	129·41	128·49	131·16	129·99	132·24	129·83	128·91
17	.....	139·16	135·58	134·41	130·91	129·41	128·66	131·16	129·99	132·16	129·91	128·83
18	130·83	139·16	135·58	134·33	130·83	129·41	128·91	131·33	129·99	131·99	129·91	128·74
19	131·91	139·16	135·58	134·33	130·74	129·41	128·91	131·58	129·99	131·91	129·91	128·74
20	133·16	139·16	135·58	134·33	130·66	129·41	128·91	131·41	129·91	131·83	129·83	128·74
21	133·91	139·16	135·49	134·16	130·58	129·33	129·24	131·41	129·91	131·74	129·83	128·74
22	135·16	139·16	135·66	133·91	130·49	129·33	129·49	131·33	129·91	131·58	129·74	128·74
23	135·83	139·16	135·66	133·74	130·49	129·41	129·49	131·41	129·91	131·49	129·74	128·74
24	136·83	139·16	135·58	133·58	130·41	129·41	129·49	131·41	129·91	131·33	129·66	128·83
25	137·74	139·16	135·58	133·41	130·41	129·33	129·49	131·16	129·83	131·24	129·83	128·83
26	138·16	139·08	135·58	133·24	130·33	129·41	129·49	130·99	139·83	131·24	129·83	128·83
27	138·91	138·99	135·49	133·08	130·24	129·33	129·41	130·83	129·83	130·99	129·91	128·74
28	139·33	138·83	135·58	133·08	130·16	129·16	129·41	130·66	129·83	130·83	129·91	128·83
29	139·41	138·58	135·74	133·08	130·08	129·16	129·41	130·66	129·83	130·74	.....	128·91
30	139·41	138·49	135·74	133·08	129·91	129·16	129·41	130·58	129·74	130·74	.....	128·83
31	.....	138·41	.....	132·74	129·83	.....	129·41	.....	129·66	130·66	.....	128·83

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1886-87.

TABLE No. 332.

1	129·66	140·66	134·99	133·49	131·66	129·66	129·74	130·66	129·99	128·83	128·24	128·49
2	131·49	140·49	134·83	133·41	131·58	129·58	129·91	130·58	129·99	128·74	128·33	128·49
3	132·58	140·16	134·66	133·41	131·58	129·58	129·99	130·49	129·91	128·66	128·41	128·41
4	132·91	139·99	134·66	133·24	131·49	129·58	129·91	130·41	129·83	128·58	128·49	128·41
5	132·91	139·66	134·58	133·08	131·41	129·58	129·99	130·33	129·74	128·49	128·49	128·41
6	132·83	139·58	134·41	132·91	131·33	129·58	129·99	130·33	129·66	128·49	128·41	128·41
7	132·83	139·41	134·41	132·66	131·16	129·66	129·99	130·33	129·66	128·49	128·41	128·41
8	132·66	139·16	134·41	132·49	131·08	129·66	129·99	130·33	129·66	128·41	128·49	128·41
9	132·49	139·08	134·41	132·33	130·99	129·58	129·91	130·16	129·58	128·41	128·49	128·33
10	132·49	138·74	134·33	132·24	130·83	129·41	129·91	130·08	129·58	128·41	128·58	128·33
11	132·66	138·41	134·33	132·16	130·66	129·41	129·99	129·99	129·66	128·33	128·58	128·33
12	133·49	138·33	134·24	132·08	130·66	129·41	129·99	129·99	129·66	128·33	128·49	128·24
13	133·91	138·08	134·16	131·91	130·66	129·41	129·99	129·91	129·66	128·24	128·58	128·24
14	134·66	137·83	134·16	131·66	130·58	129·33	130·08	129·83	129·66	128·24	128·66	128·16
15	135·41	137·41	134·16	131·66	130·49	129·16	129·99	129·83	129·74	128·24	128·66	128·16
16	136·16	137·16	134·16	131·66	130·33	129·08	129·91	129·74	129·58	128·24	128·74	128·16
17	137·16	136·99	134·08	131·91	130·24	129·16	129·99	129·66	129·49	128·16	128·74	128·16
18	137·66	136·83	133·99	131·91	130·16	129·16	130·08	129·74	129·41	128·08	128·66	128·16
19	138·08	136·83	133·91	131·91	130·16	129·16	130·16	129·74	129·33	128·08	128·66	128·16
20	138·66	136·58	133·83	131·91	130·08	129·33	130·16	129·83	129·24	128·08	128·66	128·16
21	139·33	136·49	133·74	131·91	129·91	129·33	130·16	129·99	129·16	128·08	128·66	128·16
22	139·83	136·41	133·66	131·91	129·83	129·33	130·24	130·08	129·08	127·99	128·66	128·16
23	140·33	136·33	133·58	131·91	129·66	129·33	130·41	130·08	129·08	128·08	128·66	128·16
24	140·66	136·16	133·58	131·91	129·66	129·24	130·41	130·16	129·08	128·16	128·66	128·08
25	140·83	135·99	133·58	131·91	129·66	129·24	130·66	130·33	129·16	128·16	128·58	128·08
26	140·66	135·66	133·58	131·91	129·58	129·33	130·66	130·58	129·24	128·24	128·58	128·08
27	140·49	135·58	133·58	131·66	129·49	129·33	130·74	130·49	129·24	128·24	128·49	128·08
28	140·74	135·41	133·49	131·66	139·49	129·41	130·66	130·33	129·16	128·24	128·49	128·08
29	140·74	135·33	133·49	131·58	129·41	129·58	130·74	130·16	129·08	128·24	.....	128·08
30	140·66	135·24	133·49	131·49	129·41	129·66	130·74	130·08	128·99	128·16	.....	127·99
31	.....	135·16	.....	131·58	129·41	.....	130·74	.....	128·91	128·16	.....	127·99

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1887-88.

TABLE No. 333.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	137·91	136·58	131·83	129·74	127·91	126·49	127·16	126·99	127·41	126·91	126·58
2	.....	138·16	136·16	131·66	129·58	127·91	126·58	127·08	127·08	127·41	126·91	126·58
3	.....	138·41	136·16	131·58	129·49	127·83	126·58	127·16	127·08	127·41	126·91	126·58
4	.....	138·91	136·08	131·41	129·41	127·83	126·58	127·16	127·16	127·41	126·91	126·58
5	.....	139·41	135·91	131·41	129·33	127·74	126·66	127·08	127·58	127·41	126·91	126·58
6	.....	139·91	135·74	131·33	129·41	127·66	126·74	127·08	127·74	127·33	126·91	126·58
7	.....	140·41	135·66	131·24	129·33	127·66	126·91	127·16	127·83	127·33	126·91	126·49
8	.....	140·83	135·58	131·16	129·33	127·58	126·91	127·16	127·83	127·33	126·91	126·49
9	.....	141·16	135·41	131·08	129·24	127·49	126·74	127·08	127·91	127·33	126·83	126·49
10	.....	141·41	135·24	131·08	129·24	127·41	126·74	127·08	127·99	127·33	126·83	126·49
11	.....	141·66	135·08	131·08	129·16	127·33	126·83	127·16	128·24	127·33	126·83	126·49
12	.....	141·66	134·91	130·99	129·16	127·41	126·74	127·08	128·33	127·33	126·74	126·49
13	.....	141·66	134·83	131·16	129·16	127·33	126·74	127·08	128·24	127·33	126·74	126·49
14	.....	141·66	134·66	131·16	129·16	127·33	126·74	126·99	128·24	127·24	126·74	126·49
15	.....	141·58	134·49	131·16	129·08	127·33	126·66	127·08	128·33	127·24	126·74	126·41
16	.....	141·41	134·33	131·24	128·99	127·24	126·58	127·08	128·16	127·24	126·66	126·41
17	.....	141·08	133·99	131·24	128·83	127·16	126·58	127·16	128·16	127·16	126·66	126·41
18	.....	140·66	133·66	131·33	128·74	127·08	126·58	127·08	128·08	127·16	126·66	126·41
19	.....	140·41	133·66	131·16	128·66	126·99	126·66	126·91	127·99	127·16	126·58	126·41
20	.....	139·91	133·49	131·08	128·58	126·99	126·74	126·99	127·91	127·16	126·58	126·41
21	.....	139·33	133·24	130·99	128·49	126·91	126·74	127·08	127·83	127·16	126·58	126·49
22	.....	139·08	133·16	130·83	128·41	126·91	126·66	127·16	127·74	127·08	126·58	126·49
23	.....	138·66	133·08	130·66	128·24	126·91	126·58	127·16	127·66	127·08	126·58	126·58
24	.....	138·33	132·83	130·58	128·16	126·83	126·66	127·16	127·66	127·08	126·58	126·66
25	.....	137·91	132·74	130·49	128·24	126·74	126·74	127·16	127·66	127·08	126·58	126·74
26	.....	137·58	132·58	130·49	128·16	126·66	126·74	127·16	127·58	127·08	126·66	126·74
27	.....	137·16	132·49	130·41	128·08	126·66	126·83	127·16	127·58	127·08	126·66	126·83
28	.....	137·16	132·33	130·16	128·08	126·66	126·83	127·16	127·58	126·99	126·66	126·83
29	.....	136·99	132·16	130·08	127·99	126·58	126·99	127·08	127·58	126·99	126·66	126·99
30	.....	136·83	131·99	129·99	127·91	126·49	127·08	126·99	127·49	126·99	.....	127·33
31	.....	136·66	.....	129·91	127·83	.....	127·16	.....	127·49	126·99	.....	127·58

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1888-89.

TABLE No. 334.

1	127·91	133·49	138·58	135·66	130·74	129·24	128·66	128·49	130·74	130·08	129·33	128·41
2	128·08	133·74	138·58	135·41	130·66	129·24	128·74	128·49	130·66	129·91	129·24	128·41
3	128·24	134·08	138·49	135·16	130·58	129·16	128·74	128·58	130·74	129·91	129·24	128·33
4	128·41	134·33	138·41	134·91	130·41	129·16	128·66	128·74	130·58	129·83	129·16	128·33
5	128·58	134·74	138·33	134·83	130·33	129·08	128·66	129·16	130·49	129·66	129·08	128·41
6	128·74	135·08	138·16	134·66	130·16	128·99	128·66	129·41	130·49	129·66	129·08	128·41
7	129·24	135·08	138·08	134·49	130·16	128·74	128·66	129·66	130·33	129·74	129·08	128·33
8	129·74	135·16	137·99	134·16	130·08	128·74	128·66	129·66	130·16	129·74	129·08	128·33
9	129·99	135·33	137·74	133·66	129·99	128·74	128·58	130·41	130·08	129·66	129·08	128·24
10	130·33	135·66	137·58	133·41	129·83	128·66	128·41	131·33	129·91	129·91	128·99	128·24
11	130·49	135·83	137·33	133·16	129·66	128·58	128·16	131·66	129·99	130·24	128·99	128·24
12	130·66	136·16	137·08	132·91	129·58	128·58	127·91	131·91	129·99	130·24	128·99	128·24
13	130·83	137·16	137·08	132·66	129·49	128·58	128·16	132·16	130·08	130·08	128·99	128·24
14	130·83	137·74	137·08	132·66	129·58	128·49	128·33	131·91	130·41	129·91	128·91	128·24
15	130·91	138·66	137·33	132·66	129·41	128·49	128·33	131·66	130·66	129·74	128·91	128·24
16	131·08	139·24	137·33	132·58	129·33	128·41	128·24	131·58	130·33	129·66	128·83	128·16
17	131·16	139·83	137·49	132·41	129·41	128·41	128·24	131·49	129·99	129·91	128·83	128·16
18	131·33	140·49	137·66	132·16	129·33	128·41	128·24	131·33	129·83	130·08	128·83	128·16
19	131·41	140·83	137·66	132·16	129·24	128·49	128·16	131·24	129·74	130·24	128·83	128·33
20	131·41	140·83	137·66	131·91	129·16	128·66	128·41	131·16	129·66	130·24	128·83	128·41
21	131·41	140·83	137·66	131·74	128·99	128·74	128·41	131·08	129·49	130·33	128·83	128·58
22	131·49	140·83	137·41	131·74	128·99	128·91	128·41	130·91	129·33	130·24	128·74	128·91
23	131·41	140·66	137·33	131·74	128·91	129·16	128·33	130·74	129·33	129·99	128·74	129·24
24	131·33	140·49	137·16	131·66	128·91	129·08	128·16	130·58	129·24	129·74	128·66	129·74
25	131·24	140·16	137·16	131·41	128·91	129·08	128·08	130·49	129·41	129·66	128·58	130·33
26	131·08	139·91	136·91	131·41	128·91	128·99	128·08	130·58	129·83	129·66	128·58	130·49
27	131·33	139·66	136·66	131·41	128·99	128·91	128·16	130·66	130·24	129·58	128·49	130·58
28	131·66	139·41	136·41	131·33	129·08	128·91	128·16	130·83	130·41	129·58	128·49	130·58
29	132·16	139·16	136·16	131·16	129·08	128·83	128·16	130·99	130·58	129·49	.....	130·49
30	132·66	139·08	135·91	131·08	129·16	128·83	128·24	131·08	130·66	129·41	.....	130·41
31	.....	138·74	.....	130·91	129·16	.....	128·33	.....	130·33	129·41	.....	130·41

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1889-90.

TABLE No. 335.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130·24	.....	133·91	135·58	132·41	130·33	128·74	128·41	.....	131·24	131·08	130·33
2	130·24	.....	135·16	135·49	132·24	130·16	128·66	128·33	.....	130·83	130·99	130·49
3	130·16	.....	135·24	135·49	132·16	130·16	128·58	128·33	.....	130·91	130·91	130·66
4	130·08	.....	135·91	135·41	132·08	130·08	128·58	128·24	.....	130·99	130·91	130·66
5	130·16	.....	136·66	135·33	131·99	129·91	128·66	128·24	.....	131·08	130·91	130·66
6	130·33	.....	137·49	135·24	131·99	129·83	128·66	128·16	.....	131·24	130·83	130·66
7	130·58	.....	137·83	135·16	131·91	129·83	128·74	128·16	.....	131·49	130·83	130·66
8	130·83	.....	137·99	135·08	131·83	129·74	128·74	128·16	.....	131·49	130·74	130·58
9	131·16	.....	137·99	134·83	131·66	129·74	128·74	128·16	.....	131·58	130·74	130·49
10	131·58	.....	137·99	134·49	131·58	129·66	128·74	128·16	.....	131·66	130·74	130·41
11	131·74	.....	137·91	134·33	131·49	129·66	128·83	128·16	.....	131·66	130·74	130·33
12	131·91	.....	137·83	134·16	131·41	129·58	128·83	128·16	.....	131·66	130·74	130·41
13	132·16	.....	137·66	134·16	131·33	129·49	128·83	128·16	.....	131·49	130·66	130·49
14	132·16	.....	137·24	134·08	131·16	129·41	128·83	128·16	.....	131·49	130·58	130·66
15	131·91	.....	137·08	134·08	130·99	129·41	128·83	128·16	.....	131·49	130·83	130·83
16	131·83	.....	136·91	133·99	130·91	129·33	128·83	128·16	.....	131·49	130·91	130·91
17	131·74	.....	136·91	133·99	130·99	129·24	128·83	128·16	.....	131·49	130·91	130·91
18	131·74	.....	136·66	133·91	130·99	129·16	128·83	128·16	.....	131·41	130·99	130·91
19	131·83	.....	136·41	133·83	130·91	129·16	128·83	128·16	.....	131·41	130·91	130·91
20	132·16	.....	136·33	133·66	130·91	129·08	128·83	128·41	.....	131·33	130·83	130·99
21	132·91	.....	136·24	133·58	130·83	129·08	128·83	128·91	.....	131·33	130·74	130·99
22	133·08	.....	136·08	133·41	130·83	128·99	128·83	129·16	.....	131·33	130·66	130·91
23	133·33	.....	135·91	133·33	130·83	128·99	128·74	129·41	.....	131·24	130·58	130·91
24	133·66	.....	135·91	133·24	130·83	128·91	128·66	129·58	.....	131·16	130·49	130·91
25	133·91	.....	135·91	133·16	130·74	128·83	128·58	129·66	.....	131·16	130·41	130·83
26	134·41	.....	135·91	133·08	130·66	128·83	128·49	129·66	.....	131·16	130·33	130·83
27	134·91	.....	135·91	132·91	130·66	128·83	128·49	129·58	.....	131·08	130·24	130·91
28	135·33	.....	135·83	132·83	130·58	128·83	128·49	129·58	.....	131·08	130·16	130·91
29	135·91	.....	135·66	132·66	130·49	128·83	128·49	129·66	.....	131·16	.....	130·91
30	136·41	.....	135·66	132·58	130·41	128·83	128·49	129·66	.....	131·16	.....	130·99
31	.....	.....	.....	132·49	130·41	.....	128·41	.....	.....	131·33	.....	130·99

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1890-91.

TABLE No. 336.

1	130·91	136·66	139·16	136·16	132·08	131·33	130·16	129·58	129·24	129·08	128·66	128·83
2	130·83	136·99	139·33	135·99	131·83	131·33	130·08	129·58	129·24	129·08	128·58	128·91
3	130·66	137·16	139·33	135·83	131·74	131·24	130·16	129·58	129·16	129·08	128·49	128·91
4	130·74	137·33	139·33	135·83	131·74	131·33	130·16	129·49	129·16	129·16	128·49	128·99
5	131·58	137·49	139·16	135·66	131·74	131·58	130·08	129·49	129·16	129·16	128·41	128·99
6	132·16	137·66	138·99	135·49	131·74	131·66	130·08	129·41	129·16	129·16	128·41	128·99
7	132·49	137·99	138·99	135·33	131·66	131·66	129·99	129·33	129·24	129·16	128·41	128·99
8	133·16	137·99	138·83	135·16	131·66	131·49	130·08	129·33	129·24	129·16	128·33	128·99
9	133·41	137·99	138·66	134·99	131·66	131·49	130·08	129·33	129·24	129·08	128·33	128·99
10	133·91	138·16	138·58	134·66	131·66	131·33	129·99	129·33	129·16	129·08	128·33	129·08
11	131·24	138·16	138·49	.....	131·66	131·33	129·99	129·66	129·16	128·99	128·24	129·16
12	134·49	138·16	138·33	134·33	131·49	131·41	129·91	129·83	129·16	128·99	128·24	129·16
13	134·99	138·16	138·24	134·16	131·33	131·58	129·91	129·66	129·08	128·99	128·24	129·24
14	135·49	138·16	138·33	133·99	131·33	131·66	129·83	129·66	129·08	128·99	128·24	129·24
15	135·83	138·08	138·66	133·99	131·33	131·66	129·91	129·66	129·08	128·91	128·16	129·33
16	135·99	137·99	138·66	133·66	131·24	131·41	129·83	129·49	129·08	128·91	128·16	130·16
17	135·99	137·66	138·83	133·49	131·24	131·33	129·91	129·49	128·99	128·91	128·16	130·24
18	135·99	137·49	138·83	133·33	131·16	131·16	129·99	129·66	128·99	128·91	128·16	130·33
19	135·99	137·41	138·83	133·16	131·16	130·99	129·91	129·66	128·99	128·83	128·08	130·41
20	135·99	137·66	138·74	132·99	131·08	130·99	129·83	129·66	129·08	128·83	128·08	130·41
21	136·16	137·99	138·49	132·99	131·08	130·83	129·91	129·83	129·08	128·83	128·08	130·66
22	135·99	138·08	138·33	132·99	131·33	130·83	129·91	129·83	129·08	128·83	128·08	130·66
23	135·91	138·24	138·16	132·91	131·49	130·66	129·83	129·83	129·08	128·83	128·08	130·66
24	135·91	138·33	137·66	132·83	131·49	130·66	129·83	129·66	128·99	128·91	128·16	131·66
25	135·91	138·33	137·66	132·83	131·49	130·58	129·83	129·49	128·99	128·91	128·33	132·66
26	135·91	138·33	137·33	132·66	131·41	130·58	129·91	129·41	128·99	128·91	128·66	133·16
27	135·99	138·49	136·99	132·66	131·33	130·49	129·91	129·33	128·99	128·83	128·66	133·33
28	136·16	138·49	136·66	132·49	131·41	130·41	129·83	129·33	128·99	128·83	128·66	133·49
29	136·33	138·66	136·49	132·41	131·33	130·33	129·66	129·24	128·99	128·83	.....	133·66
30	136·49	138·83	136·33	132·33	131·16	130·16	129·66	129·33	128·99	128·74	.....	134·16
31	.....	138·99	.....	132·33	131·16	.....	129·66	.....	128·99	128·74	.....	134·66

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1891-92.

TABLE No. 337.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	134·66	139·16	135·33	131·24	132·16	130·66	129·33	128·91	133·16	131·99	130·66	130·16
2	134·66	139·16	135·16	131·16	132·16	130·66	129·33	128·91	133·16	131·99	130·66	130·16
3	134·33	139·16	134·91	131·16	132·16	130·66	129·16	128·99	133·16	131·99	130·49	130·16
4	134·24	139·16	134·83	131·08	132·08	130·66	129·16	128·83	132·91	131·91	130·49	130·08
5	134·33	139·16	134·41	130·99	132·08	130·66	129·16	128·66	133·16	131·99	130·49	130·08
6	134·24	139·16	134·41	130·91	132·16	130·66	129·08	128·66	133·16	131·91	130·49	130·08
7	134·16	139·16	134·16	130·83	132·24	130·66	128·99	128·66	133·16	131·83	130·41	130·16
8	134·16	139·16	134·08	130·74	132·16	130·74	129·08	128·66	132·99	131·83	130·41	130·16
9	133·49	139·08	133·91	130·66	132·08	130·74	129·16	128·49	132·99	131·83	130·41	130·16
10	133·49	138·99	133·66	130·66	131·91	130·74	129·49	128·49	132·99	131·83	130·49	129·99
11	133·49	138·91	133·49	130·49	131·66	130·66	129·66	128·49	132·91	131·83	130·49	129·83
12	133·16	138·83	133·41	130·41	131·49	130·66	129·66	128·41	132·83	131·74	130·49	129·66
13	134·16	138·74	133·16	130·41	131·41	130·66	129·83	128·33	132·66	131·66	130·49	129·58
14	134·41	138·16	132·66	130·66	131·16	130·41	129·91	128·24	132·49	131·66	130·49	129·41
15	134·66	138·16	132·66	130·66	130·91	130·41	129·99	128·24	132·41	131·66	130·49	129·33
16	135·16	137·91	132·66	130·66	130·91	130·33	129·99	128·24	132·16	131·66	130·41	129·24
17	135·49	137·66	132·58	130·66	130·83	130·24	129·66	128·66	132·16	131·66	130·41	129·24
18	135·66	137·66	132·49	130·66	130·66	130·24	129·49	129·08	131·99	131·66	130·41	129·24
19	136·16	137·66	132·41	130·83	130·66	130·16	129·49	129·16	132·16	131·66	130·41	129·16
20	136·41	137·49	132·33	130·91	130·49	130·16	129·41	129·16	132·16	131·49	130·41	129·16
21	136·91	137·41	132·24	130·99	130·49	130·16	129·41	129·66	132·16	131·49	130·33	129·16
22	137·16	137·16	132·16	131·16	130·49	129·99	129·49	130·16	132·08	131·49	130·33	129·16
23	137·49	137·16	132·16	131·41	130·49	129·99	129·41	130·66	132·16	131·33	130·33	129·16
24	137·83	136·66	132·16	131·66	130·49	129·91	129·33	131·16	132·16	131·16	130·24	129·08
25	138·49	136·66	131·91	131·66	130·66	129·83	129·33	131·66	132·08	131·08	130·24	129·08
26	138·91	136·49	131·66	131·66	130·83	129·66	129·33	132·16	131·99	130·99	130·24	128·99
27	138·91	136·41	131·66	131·91	130·83	129·66	129·16	132·66	131·91	130·99	130·24	128·83
28	139·16	136·16	131·49	132·16	130·83	129·66	129·16	132·66	131·99	130·83	130·24	128·74
29	139·16	135·91	131·41	131·91	130·74	129·41	129·16	133·16	132·08	130·66	130·16	128·49
30	139·16	135·83	131·41	131·91	130·66	129·41	129·16	133·16	132·08	130·66	.....	128·41
31	.....	135·66	.....	132·16	130·66	.....	129·08	.....	132·08	130·66	.....	128·41

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1892-93.

TABLE No. 338

1	128·33	132·66	133·33	134·66	130·33	129·99	129·41	128·99	132·16	.....	127·91	127·66
2	128·49	132·66	133·33	134·66	130·16	129·83	129·33	128·91	131·99	.....	127·91	127·66
3	128·66	132·83	133·41	134·66	130·16	129·66	129·33	128·66	131·83	.....	127·83	127·41
4	130·66	132·91	133·49	134·66	129·99	129·49	129·33	128·99	131·66	.....	127·83	127·33
5	131·66	132·99	133·49	134·33	129·99	129·33	129·41	129·08	131·49	.....	127·83	127·33
6	133·16	133·16	133·49	134·16	129·91	129·33	129·41	129·16	131·33	.....	127·74	127·24
7	134·66	133·16	133·66	133·66	129·91	129·16	129·33	128·99	131·24	.....	127·74	127·24
8	135·16	133·33	133·66	133·66	129·91	129·08	129·33	129·08	131·08	.....	127·74	127·16
9	134·66	133·49	133·66	133·16	129·91	128·99	129·41	129·24	130·91	.....	127·74	127·16
10	134·66	133·49	133·66	132·66	129·91	128·91	129·41	129·24	130·83	.....	127·74	127·24
11	134·66	133·66	133·66	132·66	129·83	128·91	129·41	129·16	130·74	.....	127·66	127·33
12	134·58	133·66	133·66	132·66	130·16	128·83	129·41	129·16	130·66	.....	127·66	127·33
13	134·16	133·66	133·66	132·41	130·41	128·66	129·41	129·16	130·49	.....	127·74	127·41
14	133·66	133·66	133·49	132·41	130·33	128·66	129·41	129·16	130·49	.....	127·74	127·41
15	133·49	133·58	133·49	132·16	130·33	128·66	129·33	129·16	130·49	.....	127·74	127·41
16	133·16	133·49	133·49	131·66	130·16	128·41	129·24	129·33	130·41	.....	127·74	127·66
17	133·16	133·41	133·33	131·66	130·16	128·41	129·16	130·16	130·41	.....	127·66	127·66
18	132·66	133·33	133·33	131·41	130·16	128·66	129·16	130·66	130·41	.....	127·66	127·66
19	132·33	133·24	133·33	131·33	130·33	128·83	129·16	131·16	130·33	.....	127·66	127·66
20	132·16	133·16	133·33	131·33	130·49	128·91	129·16	131·66	130·33	.....	127·74	127·74
21	131·66	133·16	134·33	131·16	130·66	128·99	129·16	132·16	130·33	.....	127·74	127·74
22	131·49	133·16	134·66	131·16	130·66	129·16	129·08	132·33	130·24	.....	127·74	127·74
23	131·66	133·66	134·66	131·08	130·66	129·24	129·08	132·49	130·16	.....	127·74	127·83
24	131·66	133·66	134·66	131·08	130·66	129·33	129·08	132·66	130·08	.....	127·66	127·83
25	131·66	133·66	134·49	130·99	130·49	129·33	129·08	132·66	129·99	.....	127·66	127·83
26	131·66	133·66	134·49	130·83	130·49	129·41	128·99	132·66	129·99	.....	127·66	127·91
27	132·16	133·66	134·49	130·66	130·41	129·41	128·99	132·66	129·91	.....	127·66	127·91
28	132·16	133·66	134·66	130·58	130·33	129·33	129·16	132·49	129·83	.....	127·66	127·99
29	132·41	133·49	134·66	130·41	130·33	129·41	129·16	132·49	129·66	.....	.....	128·08
30	132·66	133·41	134·66	130·33	130·33	129·41	129·16	132·33	129·66	.....	.....	128·16
31	.....	133·33	.....	130·33	130·16	.....	129·16	.....	129·66	.....	.....	128·24

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1893-94.

TABLE No. 339.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	128·66	.....	139·33	.....	131·33	131·41	128·66	130·16	129·66	128·91	127·66	127·58
2	128·99	134·16	139·16	134·66	131·16	131·16	128·66	130·24	129·66	128·91	127·66	127·58
3	129·33	134·16	138·99	134·66	131·16	130·91	128·91	130·24	129·66	128·83	127·66	127·66
4	129·66	134·41	138·83	134·41	131·16	130·16	128·99	130·24	129·66	128·74	127·66	127·66
5	129·83	136·66	138·66	134·16	131·08	129·91	129·16	130·24	129·58	128·66	127·58	127·83
6	129·99	137·33	138·66	134·16	131·16	129·83	129·16	130·24	129·58	128·66	127·58	128·08
7	130·16	137·66	138·66	133·91	131·16	129·49	129·16	130·33	129·58	128·66	127·58	128·41
8	130·66	138·16	138·66	133·66	131·16	129·49	129·16	130·33	129·49	128·66	127·49	128·99
9	131·16	138·16	138·49	133·66	131·08	129·49	129·16	130·33	129·49	128·66	127·49	129·66
10	131·66	138·33	138·49	133·66	130·99	129·33	129·16	130·16	129·49	128·58	127·49	130·66
11	131·91	138·33	138·33	133·41	130·66	129·33	129·16	130·08	129·41	128·58	127·49	131·16
12	132·16	138·24	138·33	133·41	130·66	129·16	129·08	129·99	129·41	128·58	127·49	131·83
13	132·66	138·33	138·16	133·16	130·33	129·16	129·16	129·83	129·41	128·49	127·49	132·66
14	133·16	138·66	138·16	133·16	130·33	129·16	129·16	129·74	129·41	128·49	127·58	132·66
15	133·16	138·66	137·66	133·16	130·16	128·83	129·16	129·83	129·33	128·49	127·49	132·66
16	132·99	138·91	137·33	132·91	130·16	128·83	129·16	129·83	129·33	128·41	127·49	132·66
17	132·99	139·16	137·16	132·91	129·99	128·74	129·16	129·83	129·33	128·41	127·41	132·66
18	133·16	140·16	137·16	132·83	129·91	128·74	129·16	129·66	129·24	128·41	127·41	132·66
19	133·33	141·16	136·66	132·83	129·91	128·66	129·24	129·49	129·24	128·41	127·41	132·66
20	133·41	141·41	136·41	132·66	129·83	128·66	129·33	129·49	129·24	128·33	127·41	133·66
21	133·66	141·66	136·16	132·66	129·83	128·66	129·33	129·49	129·16	128·33	127·49	133·66
22	134·16	141·66	136·16	132·66	129·74	128·83	129·41	129·58	129·16	128·33	127·49	133·66
23	134·66	141·66	135·66	132·33	129·66	128·83	129·49	129·58	129·16	128·33	127·49	133·66
24	134·83	141·66	135·66	132·16	129·58	128·83	129·66	129·66	129·08	128·24	127·49	134·66
25	134·66	141·33	135·66	132·16	129·58	128·83	129·66	129·66	129·08	128·16	127·49	134·66
26	134·66	140·99	135·66	132·08	129·58	128·83	129·66	129·66	129·08	128·08	127·49	134·66
27	134·16	140·66	135·16	131·99	129·49	128·83	129·99	129·66	129·08	127·99	127·49	134·66
28	134·16	140·33	134·99	131·91	129·41	128·83	130·16	.....	128·99	127·91	127·49	134·66
29	134·16	140·16	134·83	131·66	129·58	128·83	130·16	129·66	128·99	127·91	.....	134·16
30	134·33	139·83	134·66	131·58	131·66	128·83	130·24	129·66	128·99	127·83	.....	133·66
31	.....	139·66	.....	131·49	131·66	.....	130·24	.....	128·91	127·74	.....	132·66

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1894-95.

TABLE No. 340

1	132·66	139·33	135·66	134·16	130·41	128·66	128·49	131·16	130·91	130·33	129·49	128·66
2	132·66	139·33	135·83	133·99	130·33	128·33	128·58	131·16	130·91	130·33	129·49	128·66
3	132·49	139·16	135·91	133·83	130·33	128·16	128·66	131·24	130·83	130·33	129·41	128·66
4	132·49	139·16	135·99	133·66	130·24	127·91	128·83	131·33	130·83	130·24	129·41	128·74
5	132·33	139·16	135·99	133·66	130·16	127·91	128·91	131·33	130·83	130·24	129·33	128·74
6	132·33	139·16	136·16	133·49	130·08	127·91	128·99	131·24	130·83	130·24	129·33	128·74
7	132·33	139·16	136·16	133·49	130·08	127·91	129·08	131·33	130·66	130·24	129·33	128·83
8	132·49	139·16	135·91	133·66	129·91	127·91	129·08	131·41	130·66	130·16	129·24	128·83
9	132·49	139·16	135·66	133·83	129·83	127·83	129·08	131·49	130·66	130·16	129·24	128·83
10	132·33	139·08	135·49	133·83	129·66	127·91	129·08	131·58	130·66	130·08	129·16	128·74
11	132·33	138·99	135·33	133·83	129·66	127·83	129·16	131·66	130·83	130·08	129·08	128·74
12	132·49	138·91	135·16	133·91	129·58	127·83	129·16	131·66	130·83	130·08	129·08	128·74
13	132·66	138·83	134·83	133·91	129·49	127·83	129·16	131·66	130·83	130·08	128·99	128·66
14	132·66	138·83	134·66	133·66	129·41	127·91	129·33	131·91	130·83	129·99	128·99	128·66
15	132·66	138·66	134·66	133·49	129·41	127·91	129·66	131·99	130·83	129·99	128·91	128·66
16	133·08	138·16	134·33	133·33	129·41	127·91	129·91	131·99	130·83	129·99	128·91	128·66
17	133·33	137·66	134·16	132·99	129·33	127·99	129·91	131·91	130·66	129·91	128·91	128·58
18	133·49	137·33	133·99	132·66	129·33	128·08	130·08	131·99	130·66	129·91	128·91	128·58
19	133·66	137·16	133·99	132·66	129·33	128·16	130·33	131·99	130·58	129·91	128·91	128·58
20	134·16	136·66	134·66	132·49	129·24	128·16	130·66	131·83	130·58	129·83	128·99	128·66
21	134·66	136·66	134·99	132·49	129·33	128·24	130·66	131·66	130·58	129·83	128·99	128·74
22	135·16	136·33	135·16	132·33	129·33	128·33	130·66	131·49	130·49	129·74	128·99	128·74
23	136·16	136·33	135·16	132·24	129·33	128·33	130·66	131·33	130·49	129·74	128·91	128·83
24	137·16	136·16	134·99	131·91	129·16	128·33	130·83	131·16	130·49	129·74	128·91	128·83
25	137·66	136·16	134·99	131·66	129·16	128·33	130·99	131·16	130·41	129·66	128·91	128·91
26	138·16	135·99	134·66	131·66	129·16	128·33	131·16	131·16	130·41	129·66	128·83	128·91
27	138·41	135·83	134·66	131·33	129·08	128·24	131·16	131·16	130·41	129·66	128·83	128·91
28	138·66	135·99	134·49	130·91	128·99	128·24	131·16	131·08	130·41	129·66	128·83	128·99
29	138·91	135·99	134·33	130·74	128·91	128·33	131·16	130·99	130·33	129·58	.....	129·08
30	139·16	135·83	134·16	130·66	128·83	128·41	131·24	130·99	130·33	129·58	.....	129·16
31	.....	135·66	.....	130·49	128·66	.....	131·16	.....	130·33	129·58	.....	129·16

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1895–96.

TABLE No. 341.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	129·16	137·16	135·16	133·33	129·49	129·66	128·24	127·83	129·66	134·16	131·66	130·99
2	129·16	136·99	135·24	132·99	129·41	129·66	128·16	127·83	129·66	134·16	131·49	130·99
3	129·16	136·83	135·33	132·66	129·41	129·58	128·16	127·83	129·66	133·99	131·49	130·91
4	129·24	136·66	135·41	132·33	129·41	129·49	128·16	127·83	129·74	133·91	131·49	130·83
5	129·24	136·66	135·49	131·99	129·49	129·41	128·16	127·83	129·83	133·66	131·41	130·74
6	129·33	136·83	135·58	131·83	129·49	129·41	128·08	127·99	129·83	133·49	131·41	130·66
7	129·41	137·16	135·66	131·66	129·58	129·24	128·08	128·08	129·83	133·33	131·41	130·58
8	129·49	137·41	135·66	131·49	129·58	128·91	128·16	128·08	129·74	133·16	131·49	130·49
9	131·66	137·66	135·66	131·33	129·49	128·83	128·16	128·33	129·74	132·99	131·49	130·49
10	133·16	137·91	135·74	131·16	129·49	128·66	128·16	128·33	129·74	132·83	131·41	130·41
11	133·33	138·16	135·83	131·16	129·58	128·91	128·16	128·41	129·66	132·66	131·41	130·41
12	133·49	138·16	135·66	130·99	129·58	128·99	128·16	128·49	129·66	132·66	131·41	130·33
13	133·49	138·16	135·49	130·99	129·66	128·91	128·16	128·49	129·66	132·66	131·33	130·33
14	133·66	138·08	135·33	130·91	129·66	128·91	128·16	128·58	129·58	132·49	131·33	130·24
15	134·16	138·08	135·16	130·91	129·66	128·91	128·24	128·66	129·58	132·49	131·24	130·24
16	134·66	137·91	135·08	130·91	129·66	128·83	128·24	128·74	129·58	132·33	131·24	130·16
17	134·83	137·91	134·99	130·83	129·66	128·74	128·24	128·83	129·49	132·16	131·16	130·16
18	134·99	137·66	134·99	130·66	129·66	128·74	128·16	128·99	129·58	132·16	131·16	130·16
19	135·33	137·66	134·99	130·49	129·66	128·74	128·08	129·08	129·66	131·99	131·08	130·08
20	135·49	137·66	134·66	130·33	129·66	128·74	128·08	129·16	129·83	131·99	131·08	130·08
21	135·66	137·16	134·66	130·16	129·66	128·66	128·08	129·33	129·99	131·91	130·99	130·08
22	135·83	136·66	134·49	130·16	129·74	128·66	127·99	129·41	130·16	131·91	130·99	129·99
23	135·99	136·16	134·49	129·99	129·83	128·66	127·99	129·24	130·24	131·83	130·91	129·99
24	136·16	135·91	134·41	129·91	129·83	128·66	127·99	129·16	130·24	131·83	130·91	129·99
25	136·33	135·66	134·24	129·91	129·91	128·58	127·99	129·16	130·33	131·83	130·83	129·91
26	136·66	135·66	134·08	129·74	129·99	128·58	127·99	129·16	130·41	131·66	130·83	129·91
27	137·16	135·66	133·91	129·49	129·83	128·58	127·91	129·41	132·16	131·66	130·83	129·83
28	137·16	135·41	133·83	129·49	129·83	128·24	127·91	129·49	132·66	131·66	130·83	129·74
29	137·16	135·16	133·66	129·49	129·83	128·16	127·91	129·58	133·16	131·74	130·99	129·66
30	137·16	134·91	133·66	129·49	129·74	128·24	127·83	128·66	133·66	131·66	.....	129·66
31	.....	135·16	.....	129·49	129·66	.....	127·83	.....	134·16	131·66	.....	129·66

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1896–97.

TABLE No. 342.

1	129·66	138·66	133·91	131·83	130·66	128·66	128·66	129·41	133·33	131·74	131·08	129·33
2	129·49	138·66	133·99	131·66	130·49	128·66	128·83	129·49	133·33	131·74	131·08	129·24
3	129·41	138·66	133·91	131·49	130·41	128·83	128·99	129·41	133·24	131·66	131·08	129·24
4	129·41	138·41	133·91	131·49	130·41	128·83	129·08	129·41	133·24	131·66	130·99	129·16
5	129·33	138·41	133·83	131·41	130·41	128·83	129·08	129·83	133·16	131·66	130·66	129·16
6	129·41	138·33	133·74	131·41	130·33	128·91	129·33	130·91	133·16	131·66	130·33	129·16
7	129·49	138·33	133·74	131·33	130·16	128·91	129·33	131·16	133·08	131·66	130·33	129·08
8	129·58	138·16	133·91	131·33	130·08	128·83	129·41	131·66	132·99	131·58	129·99	129·08
9	129·66	138·08	134·16	131·24	129·91	128·83	129·41	131·83	132·99	131·58	129·83	129·08
10	129·83	137·99	134·24	131·24	129·83	128·66	129·41	131·91	132·99	131·58	129·66	129·16
11	131·16	137·99	134·33	131·16	129·83	128·66	129·41	132·08	132·99	131·58	129·66	129·16
12	131·66	137·99	134·66	131·24	129·83	128·66	129·41	132·24	132·91	131·49	129·66	129·08
13	132·66	137·83	134·66	131·24	129·74	128·66	129·41	132·66	132·83	131·49	129·58	128·99
14	134·16	137·83	134·33	131·33	129·74	128·66	129·49	132·66	132·74	131·49	129·58	128·99
15	135·33	137·83	134·33	131·33	129·66	128·66	129·58	132·66	132·66	131·49	129·58	128·99
16	136·33	137·66	133·99	131·24	129·66	128·66	129·58	132·66	132·58	131·41	129·58	128·91
17	136·66	137·83	133·99	131·16	129·66	128·66	129·49	132·66	132·49	131·41	129·49	128·91
18	137·16	137·66	133·66	131·16	129·58	128·66	129·49	132·66	132·49	131·41	129·49	128·91
19	138·16	137·66	133·49	131·16	129·58	128·66	129·58	132·49	132·41	131·41	129·49	129·08
20	138·66	137·33	133·33	131·08	129·58	128·66	129·58	132·49	132·33	131·41	129·49	129·16
21	139·16	136·99	133·16	131·16	129·41	128·66	129·41	132·49	132·24	131·33	129·41	129·66
22	139·66	136·66	132·99	131·16	129·33	128·74	129·41	132·66	132·16	131·33	129·41	129·99
23	139·91	136·16	132·83	131·24	129·16	128·74	129·41	132·74	132·16	131·33	129·41	130·33
24	139·66	135·66	132·66	131·16	129·16	128·74	129·41	132·83	132·16	131·33	129·41	130·66
25	139·41	135·16	132·66	130·99	129·16	128·74	129·41	132·83	132·16	131·24	129·33	130·83
26	139·24	134·66	132·66	130·99	129·16	128·83	129·41	132·91	132·08	131·24	129·33	130·99
27	139·16	134·33	132·49	130·83	129·08	128·83	129·41	132·99	131·99	131·24	129·33	131·16
28	138·99	133·99	132·33	130·83	129·08	128·83	129·41	133·16	131·91	131·24	129·33	131·33
29	138·66	134·08	132·16	130·66	128·99	128·66	129·41	133·16	131·83	131·16	.....	131·33
30	138·66	133·99	131·99	130·66	128·91	128·58	129·33	133·16	131·74	131·16	.....	131·49
31	.....	133·99	.....	130·66	128·83	.....	129·33	.....	131·74	.....	.....	131·49

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1897–98.

TABLE No. 343.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·66	139·66	137·66	133·66	130·83	130·16	128·41	129·41	129·58	130·58	129·74	129·66
2	131·83	139·83	137·33	133·49	130·74	130·24	128·41	129·41	129·58	130·58	129·74	129·66
3	131·99	139·91	137·16	133·16	130·66	130·16	128·41	129·66	129·66	130·58	129·74	129·66
4	132·16	139·99	136·66	132·99	130·49	130·16	128·41	129·66	129·74	130·49	129·66	129·66
5	132·33	139·83	136·66	132·83	130·33	130·08	128·33	129·74	129·74	130·49	129·66	129·58
6	132·49	139·66	136·49	132·66	130·16	130·08	128·33	129·83	129·83	130·41	129·66	129·49
7	132·83	139·66	136·33	132·66	129·99	130·08	128·33	129·83	129·91	130·41	129·58	129·58
8	132·99	139·66	136·16	132·49	129·91	129·99	128·16	129·74	129·99	130·33	129·58	129·58
9	133·16	139·66	136·16	132·16	129·83	129·91	128·16	129·74	130·08	130·33	129·58	129·58
10	133·16	139·66	135·99	131·99	129·99	129·83	128·08	129·83	130·24	130·33	129·49	129·58
11	133·16	139·66	135·99	131·99	130·08	129·74	128·08	129·66	130·33	130·24	129·49	129·66
12	133·24	139·49	135·99	131·91	130·08	129·66	128·08	129·74	130·41	130·24	129·49	130·16
13	133·16	139·16	136·16	131·91	130·16	129·66	128·08	129·74	130·49	130·24	129·49	130·66
14	133·08	138·66	136·16	131·66	130·16	129·66	128·08	129·66	130·58	130·24	129·66	133·16
15	132·99	138·49	136·16	131·66	130·16	129·49	128·08	129·66	130·58	130·24	129·66	134·66
16	132·83	138·49	135·99	131·66	130·24	129·49	127·99	129·74	130·66	130·16	129·66	135·33
17	132·99	138·33	135·99	131·49	130·33	129·49	127·99	129·66	130·74	130·16	129·83	135·66
18	133·16	138·24	135·99	131·16	130·33	129·41	128·08	129·41	130·83	130·16	129·83	135·83
19	133·33	137·99	135·99	131·16	130·41	129·41	128·16	129·49	130·99	130·08	129·83	135·99
20	133·33	137·83	135·66	131·08	130·41	129·33	128·24	129·49	131·16	130·08	129·83	136·33
21	133·41	137·83	135·66	130·99	130·41	129·33	128·33	129·49	131·16	130·08	129·74	136·33
22	133·49	137·83	135·66	130·99	130·49	128·99	128·41	129·58	131·16	130·08	129·74	136·16
23	133·49	138·33	135·16	130·83	130·49	128·66	128·58	129·49	131·08	130·08	129·66	135·66
24	133·66	138·33	135·16	130·66	130·58	128·66	128·66	129·49	130·99	129·99	129·66	135·66
25	135·16	138·66	134·91	130·66	130·66	128·58	128·83	129·49	130·83	129·99	129·66	135·66
26	135·66	138·66	134·66	130·58	130·66	128·49	128·99	129·49	130·74	129·91	129·66	135·16
27	136·66	138·83	134·41	130·58	130·66	128·49	129·16	129·58	130·66	129·91	129·66	135·16
28	137·66	138·83	134·16	130·58	130·66	128·41	129·16	129·49	130·66	129·91	129·66	135·16
29	138·66	138·49	133·99	130·66	130·66	128·41	129·33	129·49	130·66	129·83	.....	135·66
30	139·16	138·16	134·16	130·66	130·66	128·41	129·33	129·49	130·66	129·83	.....	135·66
31	.....	137·99	.....	130·83	130·66	.....	129·33	.....	130·66	129·74	.....	135·16

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1898–99.

TABLE No. 344.

1	135·66	135·66	135·66	134·16	130·49	129·66	129·66	132·83	131·58	131·16	130·49	129·83
2	135·66	135·33	135·66	134·16	130·41	129·66	129·66	132·99	131·58	131·16	130·49	129·83
3	135·66	135·16	135·49	134·16	130·33	129·58	129·66	133·16	131·58	131·16	130·49	129·74
4	135·66	134·99	135·16	134·16	130·16	129·58	129·66	132·99	131·33	131·16	130·41	129·66
5	135·66	134·99	135·08	134·16	130·16	129·58	129·66	132·91	131·33	131·08	130·41	129·66
6	135·49	134·99	135·08	134·08	130·08	129·66	129·66	132·66	131·33	131·08	130·41	129·66
7	135·33	134·83	134·83	133·83	129·91	129·66	129·66	132·49	131·33	131·08	130·41	129·66
8	135·16	134·66	134·49	133·66	129·91	129·66	129·58	132·33	131·33	130·99	130·41	129·66
9	134·66	134·66	134·41	133·83	129·91	129·66	129·58	131·99	131·16	130·99	130·41	129·66
10	134·16	134·66	134·33	133·49	129·91	129·66	129·58	131·66	131·16	130·99	130·33	129·66
11	133·99	134·49	133·99	133·49	129·83	129·66	129·49	131·66	131·16	130·99	130·33	129·66
12	133·66	134·33	133·99	132·83	129·83	129·66	129·41	131·66	131·08	130·91	130·33	129·66
13	133·49	134·33	133·99	132·83	129·83	129·66	129·49	131·66	131·08	130·91	130·33	129·74
14	133·33	134·33	134·16	132·66	129·83	129·58	129·49	131·66	131·08	130·91	130·24	129·74
15	133·16	134·24	134·16	132·66	129·83	129·49	129·66	131·66	130·99	130·91	130·24	129·74
16	133·33	134·24	134·16	132·66	130·08	129·49	129·74	131·66	130·99	130·91	.....	129·74
17	133·33	134·16	133·99	132·49	130·16	129·49	129·83	131·66	130·99	130·91	130·24	129·66
18	133·33	134·16	133·83	132·33	130·16	129·58	129·83	131·83	130·99	130·91	130·24	129·66
19	133·49	133·99	133·83	132·16	130·16	129·49	129·99	131·91	130·99	130·83	130·24	129·66
20	133·66	133·99	133·83	132·16	130·33	129·49	130·16	131·99	130·91	130·83	130·16	129·66
21	134·66	133·99	133·66	131·99	130·33	129·49	130·16	132·16	131·08	130·83	130·16	129·74
22	134·66	133·91	133·33	131·99	130·24	129·49	130·58	132·16	131·16	130·83	130·16	129·74
23	134·99	133·83	132·99	131·83	130·24	129·49	131·16	132·16	131·24	130·74	130·16	129·74
24	135·16	133·99	132·99	131·66	130·16	129·41	131·49	132·16	131·24	130·74	130·08	129·74
25	135·33	134·16	132·99	131·66	130·16	129·58	131·33	132·08	131·16	130·74	130·08	129·74
26	135·33	134·49	132·83	131·49	129·91	129·58	131·33	131·99	131·16	130·66	129·99	129·66
27	135·33	134·83	132·83	131·33	129·83	129·58	131·66	131·83	131·16	130·66	129·99	129·66
28	135·33	135·16	133·49	131·16	129·66	129·58	132·16	131·66	131·08	130·58	129·91	129·66
29	135·66	135·49	133·99	130·99	129·66	129·58	132·41	131·66	131·08	130·58	.....	129·66
30	135·66	135·66	134·16	130·99	129·58	129·58	132·33	131·66	131·08	130·58	.....	129·65
31	.....	135·66	.....	130·66	129·58	.....	132·66	.....	131·08	130·58	.....	129·66

SESSIONAL PAPER No. 19a

Elevations of above M.S.L. Ottawa River at Upper Grenville, for 1899–1900.

TABLE No. 345.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	129·74	139·66	137·33	133·49	131·49	128·83	131·16	130·33	129·24	130·66	129·16	129·66
2	129·74	140·16	137·33	133·16	131·49	128·83	131·16	130·33	129·24	130·66	129·16	129·66
3	129·74	140·66	137·24	132·99	131·49	128·83	131·33	130·33	129·16	130·49	129·16	129·66
4	129·83	141·16	137·24	132·91	131·49	128·83	131·49	130·33	129·16	130·41	129·08	129·66
5	129·83	141·33	137·33	132·83	131·41	128·66	131·66	130·33	129·16	130·41	129·08	129·49
6	129·91	141·66	137·33	132·66	131·24	128·66	131·66	130·33	129·16	130·33	129·08	129·49
7	130·08	141·91	137·16	132·49	131·16	128·58	131·49	130·41	129·24	130·33	129·08	129·49
8	130·16	141·91	137·16	132·33	130·99	128·58	131·41	130·41	129·16	130·16	129·16	129·49
9	130·24	141·66	136·99	132·66	130·83	128·41	131·33	130·16	129·16	130·16	129·16	129·49
10	130·33	141·41	136·66	133·16	130·83	128·33	131·16	130·08	129·16	130·16	129·66	129·41
11	130·49	141·24	136·16	133·66	130·66	128·33	131·08	129·99	129·24	130·08	129·83	129·41
12	130·99	141·08	135·99	133·91	130·41	128·33	130·83	129·91	129·33	130·08	129·83	129·33
13	131·49	140·83	135·66	134·16	130·33	128·33	130·66	129·91	129·66	130·08	129·99	129·33
14	132·49	140·41	135·66	133·83	130·33	128·33	130·16	129·91	129·66	129·99	130·33	129·24
15	133·66	140·16	135·49	133·66	130·16	128·16	129·91	129·83	130·66	129·99	130·49	129·16
16	134·66	139·66	135·66	133·16	129·99	128·08	129·91	129·83	130·66	129·99	130·66	129·16
17	135·16	139·33	135·49	132·99	129·83	127·99	129·91	129·66	130·83	129·99	130·66	129·16
18	135·33	138·99	135·16	132·83	129·66	127·91	129·99	129·66	130·83	129·99	130·66	129·08
19	135·49	138·83	135·16	132·66	129·58	127·91	129·99	129·66	130·66	130·08	130·66	129·08
20	136·08	138·49	134·91	132·66	129·49	127·91	129·91	129·49	130·66	130·08	130·66	129·08
21	136·66	138·33	134·66	132·58	129·41	127·99	129·91	129·49	130·66	130·08	130·66	128·99
22	136·83	138·16	134·49	132·49	129·33	128·08	129·91	129·41	130·66	130·16	130·66	128·99
23	136·99	137·66	134·49	132·49	129·24	128·08	129·91	129·41	130·83	130·16	130·49	128·83
24	137·16	137·49	134·16	132·33	129·16	128·16	129·91	129·49	130·99	130·08	130·33	128·66
25	137·49	137·16	133·99	132·16	129·16	128·24	129·99	129·49	130·99	130·08	130·16	128·66
26	137·66	136·91	133·83	131·99	129·08	128·66	129·99	129·41	130·99	129·91	129·99	128·49
27	138·16	136·83	133·83	131·91	128·99	129·16	129·91	129·41	130·99	129·74	129·83	128·41
28	138·33	136·83	133·66	131·83	128·99	129·58	129·91	129·33	130·83	129·49	129·66	128·66
29	138·91	136·91	133·66	131·66	128·91	129·83	129·99	129·33	130·83	129·41	.....	128·99
30	139·16	137·16	133·66	131·66	128·83	131·16	130·33	129·24	130·83	129·33	.....	129·16
31	.....	137·16	.....	131·49	128·83	.....	130·33	.....	130·83	129·33	.....	129·49

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1900–01.

TABLE No. 346.

1	129·66	137·66	134·24	131·41	133·16	130·41	130·41	130·66	131·33	130·33	128·49	127·49
2	129·99	137·16	134·24	131·41	132·83	130·33	130·41	130·66	131·33	130·24	128·41	127·49
3	130·16	137·16	134·66	131·49	132·99	130·16	130·49	130·66	131·41	130·24	128·41	127·49
4	130·24	137·16	135·16	131·83	132·66	129·91	130·49	130·66	131·49	130·24	128·33	127·49
5	130·33	136·66	135·16	132·16	132·66	129·91	130·49	130·66	131·49	130·16	128·33	127·49
6	131·99	136·66	135·16	132·16	132·66	129·91	130·41	130·66	131·58	130·16	128·24	127·41
7	133·33	136·66	135·16	132·24	132·66	129·83	130·49	130·66	131·58	130·16	128·16	127·41
8	132·99	136·33	134·91	132·33	132·91	129·83	130·49	130·83	131·41	130·08	128·08	127·41
9	132·66	136·33	134·66	132·49	132·99	129·74	130·41	130·99	131·24	130·08	128·08	127·33
10	132·66	136·33	134·49	132·99	132·66	129·66	130·49	130·99	130·99	130·08	127·99	127·33
11	132·66	136·41	134·33	133·16	132·41	129·66	130·49	130·66	130·83	129·99	127·99	127·41
12	132·66	136·33	134·16	133·33	132·33	129·66	130·66	130·33	130·66	129·99	127·91	127·41
13	132·66	135·99	133·99	133·41	132·24	129·66	130·83	130·16	130·66	129·99	127·83	127·41
14	132·66	135·83	133·66	133·66	132·16	129·66	130·91	130·16	130·58	129·91	127·74	127·41
15	132·49	135·83	133·66	133·33	132·16	129·66	130·91	130·16	130·58	129·83	127·66	127·33
16	132·66	135·49	133·49	133·33	131·99	129·66	131·16	130·16	130·49	129·74	127·66	127·33
17	132·91	135·41	133·33	133·83	131·99	129·83	131·33	129·99	130·49	129·66	127·58	127·24
18	133·16	135·66	133·16	134·66	131·99	129·91	131·33	129·99	130·49	129·49	127·49	127·24
19	134·16	135·83	132·99	134·83	131·83	129·99	131·33	130·08	130·49	129·33	127·58	127·24
20	134·66	135·74	132·91	134·66	131·66	129·99	131·16	130·66	130·41	129·16	127·58	127·16
21	135·33	135·66	132·66	134·33	131·49	130·16	130·99	131·33	130·41	129·16	127·66	127·16
22	136·16	135·58	132·33	134·16	131·49	130·16	130·83	132·33	130·41	129·08	127·66	127·08
23	136·66	135·49	132·33	133·83	131·49	130·33	130·66	133·33	130·49	128·99	127·66	127·08
24	136·99	135·33	132·16	133·66	131·41	130·49	130·66	132·83	130·49	128·99	127·66	127·08
25	137·16	135·16	131·83	133·33	131·16	130·49	130·66	132·41	130·49	128·83	127·66	127·16
26	137·91	134·66	131·66	133·66	131·16	130·41	130·66	132·16	130·41	128·66	127·58	127·16
27	137·91	134·49	131·49	133·66	130·99	130·33	130·66	131·91	130·41	128·66	127·58	127·66
28	137·91	134·49	131·33	133·66	130·91	130·41	130·49	131·66	130·41	128·58	127·58	128·16
29	137·91	134·33	131·33	133·33	130·83	130·41	130·49	131·33	130·41	128·58	.....	128·16
11	137·66	134·33	131·33	133·33	130·66	130·33	130·58	131·33	130·33	129·58	.....	128·16
31	.....	134·24	.....	133·16	130·66	.....	130·49	.....	130·33	128·49	.....	128·16

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1901–02.

TABLE No. 347.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	128·66	138·49	135·33	132·16	129·66	128·49	126·74	128·16	127·83	129·91	128·99	127·99
2	128·99	138·49	135·33	132·16	129·49	128·58	126·83	128·16	127·83	129·91	128·99	128·66
3	129·33	138·41	135·66	131·99	129·49	128·58	126·91	128·16	127·83	129·91	128·91	129·49
4	130·16	138·41	135·66	131·83	129·49	128·66	127·16	128·16	127·83	129·91	128·91	129·66
5	132·16	138·24	135·66	131·66	129·49	128·66	127·24	128·24	127·91	129·83	128·91	129·66
6	133·16	138·24	135·83	131·33	129·16	128·66	127·08	128·24	127·83	129·83	128·83	129·99
7	134·33	138·16	136·16	131·16	129·08	128·66	127·16	128·16	127·83	129·83	128·66	130·16
8	135·16	137·99	135·99	131·16	128·99	128·66	127·16	128·24	127·91	129·83	128·66	130·66
9	135·66	137·66	135·91	130·99	128·99	128·66	127·24	128·33	127·91	129·74	128·66	130·66
10	135·66	137·33	135·83	130·83	128·99	128·49	127·24	128·33	127·91	129·74	128·58	130·66
11	136·08	137·16	135·66	130·83	128·99	128·41	127·16	128·41	127·99	129·74	128·58	130·66
12	136·16	136·99	135·66	130·74	129·08	128·16	127·24	128·41	128·16	129·66	128·58	130·66
13	136·24	136·91	135·33	130·66	129·08	128·08	127·33	128·41	128·24	129·66	128·49	131·16
14	136·08	136·83	135·16	130·58	128·99	127·83	127·33	128·49	129·16	129·58	128·41	131·41
15	135·91	136·74	134·83	130·49	128·99	127·66	127·33	128·49	130·66	129·58	128·41	131·66
16	135·83	136·66	134·66	130·33	129·08	127·99	127·66	128·49	130·66	129·58	128·33	132·16
17	135·74	136·66	134·49	130·24	128·99	127·66	127·83	128·58	130·66	129·58	128·33	133·16
18	135·83	136·33	134·16	129·99	128·83	127·66	127·99	128·49	130·58	129·58	128·33	134·16
19	135·91	136·33	134·08	129·99	128·66	127·66	128·16	128·49	130·49	129·58	128·24	134·66
20	136·16	136·16	133·83	129·91	128·66	127·58	128·16	128·49	130·41	129·58	128·24	134·49
21	136·66	136·16	133·66	129·83	128·66	127·41	128·16	128·49	130·33	129·58	128·16	134·41
22	137·16	136·24	133·58	129·74	128·66	127·33	128·33	128·49	130·24	129·66	128·16	134·41
23	137·66	.....	133·49	129·58	128·66	127·24	128·33	128·58	130·16	129·58	127·99	134·66
24	138·16	136·16	133·16	129·49	128·58	127·16	128·33	128·58	130·08	129·49	127·91	134·83
25	138·66	136·16	133·08	129·49	128·49	127·08	128·16	128·58	130·08	129·41	127·91	134·91
26	138·66	135·99	132·99	129·41	128·49	126·99	127·99	128·58	130·08	129·41	127·83	134·99
27	138·66	135·83	132·83	129·33	129·58	126·91	127·99	128·08	129·99	128·33	127·74	135·16
28	138·58	135·66	132·66	129·33	129·58	126·91	128·16	127·91	129·99	129·33	127·66	134·99
29	138·58	135·66	132·49	129·33	128·58	126·66	127·99	127·83	129·99	129·24	.....	134·66
30	138·49	135·33	132·33	129·66	128·58	126·83	127·99	127·74	129·99	129·16	.....	135·33
31	.....	135·33	.....	129·74	128·58	.....	128·16	.....	129·99	128·99	.....	136·16

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1902–03.

TABLE No. 348.

1	136·41	136·16	135·24	133·66	131·16	129·66	128·91	129·99	132·66	131·83	130·49	129·74
2	136·66	136·16	135·24	133·49	131·08	129·49	128·99	129·99	132·66	131·83	130·41	129·83
3	136·66	136·16	135·24	133·49	131·16	129·41	128·99	129·99	132·66	131·74	130·33	129·99
4	136·49	136·49	135·33	133·49	131·24	129·33	128·99	130·24	132·66	131·74	130·33	130·16
5	136·41	136·66	135·33	133·49	131·16	129·24	128·99	129·99	132·49	131·74	130·24	130·16
6	136·16	136·58	135·33	133·33	131·24	129·16	129·08	130·08	132·49	131·66	130·16	130·33
7	135·99	136·66	135·33	133·33	131·24	129·16	129·16	130·08	132·49	131·66	130·08	130·33
8	135·83	136·66	135·41	133·16	131·33	129·16	129·16	130·08	132·33	131·66	130·08	130·49
9	135·66	136·58	135·41	133·16	131·24	129·33	129·16	130·08	132·33	131·58	130·08	130·58
10	135·66	136·49	135·49	132·99	131·16	129·16	129·16	130·16	132·33	131·58	129·99	130·66
11	135·83	136·33	135·33	132·99	131·16	128·99	129·24	129·99	132·24	131·58	129·83	131·33
12	135·66	136·16	135·24	132·66	130·83	128·91	129·16	130·16	132·24	131·49	129·74	132·33
13	135·66	136·16	135·16	132·66	130·83	128·91	129·16	130·66	132·24	131·49	129·74	132·83
14	135·66	136·16	135·16	132·33	130·83	128·83	129·24	130·83	132·16	131·41	129·66	132·99
15	135·66	136·16	135·16	132·16	130·83	128·83	129·24	130·99	132·08	131·41	129·58	133·16
16	135·49	136·16	135·16	132·16	130·83	128·91	129·24	130·99	132·08	131·33	129·49	133·33
17	135·41	136·16	135·16	132·16	130·66	128·83	129·16	131·16	132·08	131·24	129·41	133·49
18	135·33	135·99	135·16	132·16	130·66	128·91	129·16	131·41	132·08	131·16	129·33	133·66
19	135·33	135·66	134·99	132·16	130·66	128·99	129·49	131·66	132·08	131·16	129·33	133·83
20	135·24	135·83	134·66	132·16	130·66	129·08	129·58	132·16	132·16	131·08	129·24	134·49
21	135·16	135·33	134·66	132·16	130·49	129·08	129·58	132·49	132·16	130·99	129·24	135·49
22	135·16	135·16	134·49	132·08	130·66	129·08	129·66	132·83	132·33	130·83	129·16	135·66
23	135·16	134·99	134·49	132·08	130·66	128·91	129·66	132·99	132·33	130·74	129·08	135·83
24	135·08	134·91	134·49	131·99	130·66	129·08	129·66	133·16	132·33	130·74	129·08	136·16
25	135·08	134·99	133·99	131·83	130·49	129·16	129·66	133·16	132·16	130·66	129·16	136·49
26	135·08	135·08	133·66	131·74	130·33	129·16	129·66	132·99	132·16	130·58	129·16	136·41
27	135·16	135·16	133·66	131·83	129·99	129·16	129·74	132·83	132·08	130·58	129·33	135·83
28	135·33	135·08	133·66	131·83	129·83	129·16	129·83	132·74	132·08	130·58	129·66	135·83
29	135·33	135·08	133·66	131·49	129·74	129·16	129·99	132·66	131·91	130·58	.....	135·74
30	135·66	135·16	133·66	131·41	129·66	129·08	129·99	132·66	131·83	130·58	.....	136·08
31	.....	135·24	.....	131·33	129·66	.....	129·99	.....	131·83	130·49	.....	135·24

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1903–04.

TABLE No. 349.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	135·08	133·83	133·99	134·16	130·99	129·66	129·99	130·66	129·16	128·16	127·24	127·24
2	134·91	133·99	133·99	134·66	130·91	129·66	129·83	130·66	129·16	128·08	127·24	127·24
3	135·08	134·16	133·83	134·99	130·83	129·66	129·83	130·58	129·08	128·08	127·16	127·24
4	134·83	134·41	133·66	134·66	130·74	129·58	129·83	130·58	129·08	128·16	127·16	127·33
5	134·99	134·41	133·49	134·41	130·66	129·58	129·83	130·58	128·99	128·16	127·16	127·33
6	135·08	134·66	133·49	134·16	130·66	129·49	129·74	130·24	128·66	128·16	127·16	127·49
7	135·16	134·99	133·24	134·24	130·66	129·49	129·74	130·08	128·58	127·99	127·08	127·66
8	135·33	135·33	133·16	134·16	130·41	129·33	129·74	129·99	128·41	127·99	127·08	127·66
9	135·33	135·16	133·16	133·91	130·41	129·16	129·91	129·91	128·24	127·83	127·08	127·66
10	135·16	135·33	132·99	133·66	130·41	129·08	130·41	129·91	128·24	127·83	126·99	127·66
11	135·16	135·33	132·83	133·16	130·41	129·08	131·33	129·91	128·16	127·83	126·99	127·66
12	135·16	135·41	132·66	132·99	130·49	128·99	131·33	129·91	127·99	127·74	126·99	127·66
13	134·83	135·58	132·91	132·66	130·49	128·99	131·16	129·83	127·83	127·74	126·99	127·66
14	134·66	135·58	132·99	132·49	130·49	128·99	131·16	129·83	127·74	127·74	126·91	127·66
15	134·66	135·66	133·16	132·33	130·58	128·99	131·16	129·66	127·74	127·74	126·91	127·66
16	134·58	135·66	133·33	132·16	130·58	129·08	130·99	129·66	127·66	127·66	126·91	127·66
17	134·66	135·66	133·16	131·99	130·66	129·24	131·16	129·58	127·66	127·66	126·99	127·66
18	134·66	135·58	133·49	131·83	130·66	129·41	131·33	129·58	127·66	127·66	126·99	127·49
19	134·66	135·58	133·58	131·66	130·66	129·49	131·49	129·58	127·58	127·66	127·08	127·33
20	134·66	135·49	133·58	131·49	130·66	129·58	131·49	129·49	127·58	127·58	127·08	127·41
21	134·66	135·41	133·58	131·41	130·58	129·58	131·66	129·49	127·58	127·41	127·16	127·49
22	134·66	135·16	133·58	131·41	130·58	129·66	131·66	129·49	127·49	127·41	127·16	127·49
23	134·66	135·16	133·41	131·41	130·49	129·83	131·33	129·41	127·49	127·41	127·16	127·49
24	134·66	134·99	133·91	131·41	130·16	129·99	131·33	129·33	127·41	127·41	127·24	127·49
25	134·66	134·83	133·99	131·41	129·99	130·16	131·16	129·33	127·41	127·33	127·24	127·58
26	134·33	134·66	134·16	131·33	129·83	130·08	131·16	129·33	127·41	127·33	127·24	128·08
27	134·33	134·66	134·16	131·41	129·74	129·99	131·16	129·33	127·66	127·33	127·24	128·33
28	134·33	134·66	134·16	131·41	129·66	129·99	130·99	129·33	127·83	127·33	127·24	128·33
29	133·99	134·33	134·16	131·33	129·66	130·16	130·99	129·24	127·83	127·24	127·24	130·16
30	133·83	134·16	134·16	131·16	129·66	130·16	130·83	129·16	128·16	127·24	.....	131·16
31	.....	134·08	.....	131·16	129·66	.....	130·83	.....	128·16	127·24	.....	131·66

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1904–05.

TABLE No. 350.

1	132·16	137·41	138·66	134·83	131·24	129·49	130·16	132·33	129·91	128·91	127·83	127·49
2	132·66	137·91	138·66	134·83	131·24	129·49	130·33	132·24	129·91	128·83	127·83	127·41
3	133·16	138·49	139·41	134·66	130·99	129·58	130·66	132·24	129·91	128·83	127·83	127·49
4	133·66	138·83	139·66	134·41	130·83	129·66	130·99	132·24	129·83	128·74	127·74	127·49
5	134·16	139·41	139·58	134·16	130·66	129·66	131·08	132·16	129·83	128·74	127·74	127·49
6	134·91	139·66	139·49	133·91	130·66	129·66	130·83	132·08	129·83	128·66	127·74	127·41
7	135·33	139·91	139·49	133·83	130·66	129·66	130·83	131·99	129·83	128·66	127·66	127·33
8	135·66	140·16	139·58	133·66	130·33	129·66	130·99	131·91	129·83	128·49	127·66	127·33
9	136·33	140·41	139·66	133·49	130·24	129·65	131·08	131·66	129·83	128·49	127·66	127·33
10	137·33	140·66	139·83	133·41	130·16	129·66	131·16	131·66	129·74	129·49	127·74	127·41
11	137·66	140·66	139·91	133·33	130·08	129·49	131·33	131·66	129·74	128·49	127·74	127·41
12	137·41	140·58	139·99	133·41	129·91	129·49	131·33	131·66	129·74	128·49	127·74	127·33
13	137·33	140·33	139·91	133·49	129·83	129·49	131·33	131·66	129·74	128·41	127·66	127·33
14	136·91	140·08	139·66	133·49	129·83	129·33	131·33	131·33	129·74	128·41	127·66	127·24
15	136·41	139·83	139·41	133·49	129·83	129·24	131·66	131·24	129·66	128·41	127·66	127·16
16	136·08	139·66	138·99	133·49	129·83	129·24	131·83	131·16	129·66	128·33	127·66	127·08
17	135·41	139·49	138·66	133·33	129·83	129·24	132·16	130·99	129·66	128·33	127·58	127·08
18	135·16	139·24	138·16	133·16	129·83	129·16	132·16	130·99	129·66	128·33	127·58	127·08
19	134·91	138·99	137·66	133·16	129·74	129·16	132·16	130·66	129·66	128·24	127·66	127·16
20	134·66	139·16	137·41	132·91	129·66	129·08	132·16	130·66	129·49	128·24	127·66	127·16
21	134·49	139·16	137·16	132·74	129·66	129·08	132·33	130·66	129·49	128·16	127·58	127·24
22	134·24	139·16	136·91	132·66	129·83	129·08	132·49	130·66	129·33	128·16	127·58	127·33
23	134·08	138·99	136·66	132·49	129·99	129·08	132·66	130·49	129·33	128·08	127·58	127·33
24	134·08	139·16	136·33	132·33	129·91	129·41	132·66	130·49	129·33	128·08	127·58	127·33
25	134·16	139·16	135·99	132·16	129·83	129·66	132·66	130·33	129·16	127·99	127·58	127·49
26	134·41	138·91	135·91	131·99	129·83	129·74	132·49	130·24	129·08	127·99	127·58	127·58
27	134·83	138·91	135·66	131·83	129·83	129·74	132·49	130·16	129·08	127·99	127·49	127·66
28	135·16	138·91	135·41	131·66	129·74	129·74	132·49	129·99	128·99	127·91	127·49	127·99
29	135·66	138·74	135·08	131·33	129·66	129·74	132·49	129·91	128·99	127·91	.....	128·16
30	136·41	138·66	134·91	131·16	129·58	129·91	132·49	129·91	128·91	127·91	.....	129·49
31	.....	138·66	.....	131·16	129·49	.....	132·49	.....	128·91	127·83	.....	131·58

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1905–06.

TABLE No. 351.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	132·66	132·16	134·83	131·66	130·58	128·41	128·33	129·83	129·16	128·66	130·91	129·74
2	133·66	132·66	134·83	131·41	130·58	128·41	128·33	129·74	129·08	128·66	130·91	129·58
3	133·66	132·66	134·58	131·24	130·49	128·41	128·24	129·66	129·08	128·66	130·74	129·41
4	133·66	132·91	134·49	130·99	130·41	128·49	128 33	129·58	129·49	128·74	130·66	129·24
5	133·99	133·41	134·24	130·91	130·24	128·49	128·33	129·49	129·66	128·66	130·49	129·16
6	134·08	133·66	134·08	130·91	130·16	128·49	128·24	129·41	129·49	128·66	130·41	129·16
7	134·16	134·16	133·91	130·66	130·08	128·66	128·16	129·49	129·49	128·66	130·33	129·08
8	133·91	134·33	133·83	130·66	129·99	128·66	127·99	129·49	129·49	128·58	129·99	128·99
9	133·91	134·41	133·66	130·66	129·91	128·66	128·08	129·49	129·33	128·58	129·66	128·91
10	133·33	134·66	133·66	130·58	129·83	128·66	127·99	129·41	129·08	128·58	129·66	128·83
11	133·33	135·16	133·66	130·58	129·66	128·58	127·99	129·41	128·99	128·49	129·49	128·83
12	133·33	135·24	133·66	130·58	129·66	128·41	128·24	129·41	128·99	128·49	129·58	128·74
13	133·33	135·66	133·66	130·66	129·58	128·58	128·41	129·41	128·99	128·41	129·49	128·66
14	133·41	135·66	133·49	130·66	129·49	128·41	128·33	129·41	128·83	128·33	129·58	128·66
15	133·33	135·66	133·49	130·66	129·49	128·41	128·33	129·33	128·74	128·33	129·49	128·66
16	133·16	135·66	133·41	130·66	129·49	128·16	128·33	129·24	128·66	128·49	129·41	128·58
17	132·99	135·83	133·16	130·66	129·41	127·99	128·33	129·33	128·66	128·49	129·24	128·41
18	132·83	135·99	133·16	130·91	129·33	128·16	128·33	129·33	128·66	128·49	129·16	128·24
19	132·66	135·99	133·08	130·91	129·33	128·49	128·91	129·24	128·66	128·41	129·08	128·33
20	132·49	135·83	132·99	130·91	129·24	128·83	128·91	129·16	128·66	128·24	129·08	128·33
21	132·49	136·08	133·08	130·66	129·16	128·91	129·16	129·16	128·66	128·24	129·08	128·24
22	132·33	136·08	132·99	130·58	129·08	128·91	129·33	129·16	128·66	128·58	129·33	128·24
23	132·33	136·16	132·91	130·49	128·99	128·99	129·33	129·08	128·66	130·41	129·66	128·24
24	132·33	136·16	132·66	130·49	128·74	128·91	129·58	129·08	128·58	131·24	129·74	128·16
25	132·16	135·83	132·66	130·49	128·66	128·91	129·74	129·16	128·49	131·41	129·83	128·16
26	131·99	135·66	132·66	130·41	128·58	128·83	129·74	129·33	128·49	131·58	129·74	127·99
27	131·66	135·66	132·41	130·41	128·58	128·83	129·74	129·33	128·49	131·58	129·66	128·91
28	131·66	135·24	132·16	130·24	128·49	128·74	129·83	129·33	128·49	131·58	129·66	130·33
29	131·66	135·08	132·08	130·24	128·49	128·58	129·91	129·41	128·41	131·58	.....	130·83
30	131·91	134·99	131·91	130·24	128·41	128·41	129·83	129·16	128·41	131·33	.....	131·08
31	.....	134·91	.....	130·24	128·41	.....	129·74	.....	128·41	131·16	.....	130·83

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1906–07.

TABLE No. 352.

1	130·66	133·99	134·99	133·66	129·49	127·66	126·91	127·83	127·91	127·66	127·66	127·08
2	130·66	134·08	134·91	133·49	129·49	127·49	126·91	127·83	127·91	127·66	127·66	127·08
3	130·41	134·16	134·91	133·41	129·49	127·33	126·83	127·83	127·83	127·66	127·66	126·99
4	130·49	134·16	134·66	133·24	129·41	127·24	126·83	127·74	127·74	127·83	127·49	126·99
5	130·58	134·16	134·74	133·08	129·33	127·24	126·83	127·66	127·66	127·91	127·49	126·91
6	130·74	134·33	134·83	132·91	129·33	127·24	126·83	127·58	127·58	127·91	127·49	126·91
7	130·83	134·66	134·83	132·74	129·33	127·24	126·83	127·58	127·58	127·91	127·41	126·91
8	130·83	134·66	135·83	132·49	129·33	127·24	126·91	127·58	127·58	127·99	127·41	126·83
9	130·58	134·91	136·16	132·41	129·24	127·16	127·08	127·66	127·58	127·99	127·41	126·83
10	130·74	135·49	135·66	132·33	129·16	127·16	127·16	127·66	127·49	127·99	127·33	126·91
11	130·91	135·49	135·16	132·08	129·08	127·16	127·16	127·49	127·49	127·99	127·33	126·91
12	130·91	135·83	135·16	131·83	128·99	127·16	127·08	127·49	127·49	128·08	127·33	126·83
13	130·91	135·91	135·16	131·49	128·74	127·16	127·16	127·58	127·41	128·08	127·24	126·91
14	130·83	135·91	135·16	131·41	128·66	127·08	127·08	127·49	127·41	128·08	127·24	126·91
15	130·91	135·91	134·99	131·24	128·58	127·08	127·08	127·49	127·41	127·99	127·24	126·91
16	131·16	135·91	135·16	131·16	128·58	126·99	127·33	127·49	127·49	127·99	127·16	126·99
17	131·49	135·99	134·99	130·91	128·49	126·91	127·33	127·49	127·49	127·99	127·16	126·99
18	131·49	135·99	134·99	130·83	128·41	126·91	127·33	127·49	127·49	127·91	127·08	126·99
19	131·83	136·33	134·83	130·66	128·33	126·91	127·33	127·49	127·49	127·91	127·08	127·08
.....	131·99	136·33	134·83	130·49	128·33	126·91	127·58	127·58	127·49	127·83	126·99	126·99
21	132·41	136·16	134·74	130·41	128·33	126·91	127·58	127·58	127·49	127·83	126·99	127·08
22	132·83	136·08	134·66	130·33	128·24	126·74	127·49	127·58	127·41	127·83	126·91	127·08
23	133·16	135·99	134·66	130·16	128·24	126·74	127·49	127·91	127·41	127·91	126·83	127·33
24	133·33	135·91	134·49	130·08	128·24	126·74	127·49	127·83	127·41	127·91	126·83	127·99
25	133·74	135·91	134·49	130·08	128·08	126·74	127·58	127·83	127·33	127·91	126·83	128·49
26	133·91	135·83	134·33	129·99	128·08	126·74	127·66	127·91	127·33	127·99	126·91	128·91
27	133·91	135·74	134·24	129·83	128·08	126·74	127·66	127·91	127·33	127·99	126·99	129·49
28	133·99	135·66	134·08	129·66	127·99	126·74	127·66	127·91	127·41	127·99	127·08	129·99
29	133·99	135·49	133·83	129·49	127·99	126·66	127·74	127·91	127·49	127·91	.....	130·99
30	133·99	135·16	133·83	129·49	127·99	126·83	127·74	127·91	127·58	127·91	.....	132·16
31	.....	134·99	.....	129·49	127·91	.....	127·83	.....	127·58	127·91	.....	133·16

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1907–08.

TABLE No. 353.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	133·83	134·16	136·16	134·24	131·41	128·91	130·16	130·16	130·83	130·33	129·16	128·49
1	133·99	134·66	136·16	134·24	131·33	128·83	130·16	130·08	130·74	130·33	129·16	128·49
3	133·66	134·83	136·16	134·16	131·33	128·83	130·24	130·41	130·58	130·33	129·16	128·49
4	133·66	134·99	136·16	134·08	131·24	128·83	130·33	130·58	130·58	130·24	129·08	128·41
5	133·58	135·16	136·16	133·91	131·16	128·74	130·33	130·66	130·49	130·24	128·99	128·41
6	133·16	135·16	136·16	133·66	131·08	128·74	130·33	131·58	130·49	130·24	128·91	128·41
7	132·66	135·16	136·16	133·66	131·08	128·66	130·41	132·66	130·41	130·16	128·83	128·33
8	132·16	135·16	136·08	133·58	130·99	128·58	130·33	132·99	130·24	130·16	128·74	128·33
9	131·99	134·83	135·99	133·58	130·58	128·58	130·33	132·99	130·41	130·16	128·66	128·33
10	131·83	134·66	135·91	133·49	130·49	128·66	130·16	132·99	130·58	130·16	128·66	128·24
11	131·91	134·66	135·91	133·49	130·49	128·91	130·16	133·08	130·99	129·99	128·58	128·24
12	132·08	134·49	135·99	133·08	130·41	128·91	130·41	133·08	130·99	129·99	128·58	128·24
13	132·16	134·49	135·91	132·83	130·41	128·91	130·49	132·83	130·99	129·91	128·58	128·24
14	132·24	134·49	135·99	132·83	130·33	128·91	130·49	132·58	130·91	129·83	128·58	128·33
15	132·24	134·41	135·99	132·41	130·08	128·99	130·66	132·16	130·83	129·74	128·58	128·33
16	132·16	134·41	135·83	132·33	129·91	128·99	130·66	132·16	130·74	129·74	128·49	128·41
17	132·24	135·16	135·66	132·33	129·99	129·16	130·83	132·16	130·83	129·66	128·66	128·41
18	132·33	135·66	135·49	132·16	129·83	129·33	130·91	131·99	130·83	129·66	128·83	128·41
19	132·24	136·16	135·33	131·99	129·74	129·41	130·91	131·83	130·83	129·58	128·83	128·41
20	132·24	136·49	135·16	131·99	129·74	129·33	130·83	131·66	130·74	129·58	128·74	128·33
21	132·16	136·66	134·83	131·99	129·74	129·66	130·66	131·49	130·74	129·58	128·74	128·33
22	131·83	137·16	134·83	131·99	129·58	129·74	130·66	131·49	130·74	129·49	128·74	128·33
23	131·66	137·16	134·66	131·83	129·58	129·74	130·66	131·49	130·74	129·49	128·66	128·33
24	131·66	137·16	134·33	131·66	129·33	129·83	130·66	131·24	130·66	129·49	128·66	128·41
25	131·66	137·24	134·16	131·49	129·16	129·99	130·58	131·08	130·66	129·41	128·66	128·41
26	131·66	137·49	133·83	131·49	129·08	129·91	130·58	131·08	130·66	129·41	128·66	128·91
27	131·83	137·33	133·91	131·49	128·99	129·91	130·58	130·99	130·49	129·41	128·58	129·16
28	131·91	137·08	133·99	131·33	128·99	129·91	130·24	130·99	130·49	129·33	128·58	129·66
29	131·91	136·66	134·24	131·24	128·99	130·16	130·24	130·91	130·41	129·33	128·58	130·16
30	132·16	136·41	134·24	131·33	128·91	130·33	130·24	130·91	130·41	129·33	.....	130·66
31	.....	136·41	.....	131·41	128·91	.....	130·16	.....	130·41	129·24	.....	131·08

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1908–09.

TABLE No. 354.

1	131·24	136·91	139·58	133·66	130·08	127·91	126·91	126·91	127·91	127·91	127·83	128·08
2	131·24	138·49	139·58	133·41	129·99	127·91	126·99	126·83	127·91	127·83	127·83	128·16
3	131·24	139·33	139·41	133·16	129·91	127·83	126·91	126·83	127·91	127·83	127·83	128·16
4	131·66	139·58	139·16	132·91	129·83	127·66	126·74	126·91	127·99	127·66	127·83	128·16
5	131·66	139·66	139·16	132·74	129·74	127·66	126·66	126·99	127·91	127·66	127·83	128·16
6	131·66	139·24	139·16	132·66	129·74	127·66	126·66	126·91	127·83	127·91	127·83	128·08
7	131·91	139·08	139·08	132·66	129·66	127·58	126·49	126·91	127·91	127·91	127·91	128·08
8	131·83	139·33	138·91	132·66	129·66	127·49	126·58	126·83	127·83	127·83	127·91	128·08
9	132·16	140·16	138·66	132·58	129·58	127·58	126·49	126·83	127·74	127·83	127·91	128·08
10	133·16	140·66	138·33	132·49	129·58	127·49	126·66	126·66	127·49	127·83	127·91	128·16
11	133·58	140·66	137·83	132·49	129·41	127·49	126·49	126·66	127·49	127·74	127·91	128·16
12	134·16	140·66	137·58	132·33	129·41	127·49	126·41	126·83	127·41	127·74	127·91	128·16
13	134·66	141·16	137·16	132·24	129·33	127·41	126·41	126·83	127·16	127·74	127·83	128·16
14	134·91	141·16	136·91	132·16	129·24	127·33	126·33	126·74	127·16	127·74	127·83	128·16
15	134·91	141·33	136·66	132·08	129·16	127·33	126·41	126·74	127·16	127·66	127·83	128·16
16	134·83	141·41	.....	131·91	129·16	127·41	126·49	126·66	127·08	127·66	127·83	128·16
17	134·58	141·49	136·16	131·66	129·08	127·33	126·49	126·74	127·08	127·66	127·83	128·24
18	134·58	141·41	135·99	131·74	128·99	127·41	126·41	126·74	127·08	127·66	127·83	128·24
19	134·24	141·33	135·83	131·58	128·91	127·24	126·41	126·74	126·99	127·58	127·91	128·33
20	134·16	141·16	135·83	131·66	128·91	127·16	126·41	126·66	126·99	127·58	127·91	128·33
21	133·99	140·99	135·58	131·33	128·83	127·16	126·33	126·74	126·99	127·58	127·91	128·24
22	133·66	140·83	135·24	131·33	128·49	127·16	126·33	126·83	127·08	127·49	127·91	128·24
23	133·41	140·74	135·24	131·16	128·49	127·08	126·33	126·83	127·08	127·49	127·99	128·16
24	133·49	140·66	135·16	130·99	128·49	127·08	126·24	126·91	127·16	127·49	128·16	128·16
25	133·49	140·49	134·83	130·91	128·41	127·08	126·24	126·99	127·24	127·58	128·16	128·24
26	133·83	140·33	134·66	130·83	128·41	126·99	126·41	127·08	127·33	127·66	128·08	128·24
27	134·16	140·33	134·41	130·66	128·33	126·91	126·49	127·16	127·41	127·66	128·08	128·24
28	135·16	140·08	134·16	130·66	128·33	126·83	126·66	127·24	127·58	127·66	128·08	128·33
29	135·91	139·91	133·91	130·58	128·24	126·99	126·74	127·24	127·66	127·74	.....	128·66
30	136·49	139·66	133·83	130·33	128·16	126·83	126·83	127·24	127·83	127·83	.....	128·91
31	.....	139·66	.....	130·33	127·99	.....	126·91	.....	127·91	127·83	.....	129·16

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1909–10.

TABLE No. 355.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	129·66	136·41	.....	134·33	133·66	130·24	130·24	129·74	130·49	129·99	129·66	128·08
2	129·91	137·66	141·49	133·66	133·49	130·24	130·24	129·74	130·49	129·99	129·58	128·24
3	130·16	138·16	141·08	133·66	133·49	130·16	130·24	129·74	130·49	129·91	129·58	128·24
4	130·41	137·91	140·66	133·49	133·16	129·99	130·24	129·74	130·49	129·91	129·58	128·33
5	130·91	137·66	139·83	133·16	132·99	130·16	130·41	129·74	130·41	129·83	129·49	128·33
6	131·08	137·33	139·33	133·16	132·83	130·24	130·41	129·74	130·33	129·83	129·49	128·83
7	133·16	137·08	138·99	132·99	132·66	130·16	130·41	129·66	130·33	129·83	129·41	129·91
8	134·83	137·16	138·66	132·83	132·33	130·24	130·41	129·66	130·49	129·74	129·41	130·66
9	135·66	137·16	138·24	132·66	132·16	130·08	130·41	129·66	130·33	129·74	129·33	130·83
0	135·66	137·16	137·99	132·58	132·16	130·08	130·33	129·66	130·24	129·66	129·33	130·83
11	134·16	138·33	137·58	132·49	131·83	130·16	130·24	129·66	130·16	129·66	129·16	130·74
12	134·49	139·33	137·24	132·33	131·83	130·16	130·24	129·66	130·16	129·66	128·99	130·49
13	134·33	139·49	136·91	132·16	131·49	130·08	130·16	129·66	130·16	129·58	128·83	130·33
14	135·49	139·83	136·66	131·99	131·16	130·24	130·08	129·66	130·16	129·58	128·66	130·16
15	136·16	140·08	136·16	131·83	131·16	130·33	129·99	129·66	130·24	129·49	128·49	129·99
16	136·16	140·16	135·99	131·66	131·16	130·33	129·91	129·74	130·33	129·49	128·41	129·99
17	136·16	140·83	135·83	131·58	131·16	130·41	129·83	129·83	130·33	129·41	128·41	129·83
18	136·08	140·99	135·74	131·41	131·16	130·41	129·66	129·74	130·33	129·33	128·33	129·91
19	136·24	140·66	135·66	131·66	131·08	130·41	129·66	129·74	130·24	129·16	128·33	129·66
20	136·66	141·49	135·41	131·58	131·08	130·41	129·66	129·74	130·24	128·99	128·24	129·66
21	136·66	141·83	135·16	131·49	131·33	130·33	129·66	129·91	130·24	129·16	128·24	129·99
22	136·83	142·24	135·16	131·49	130·83	130·33	129·74	129·99	130·24	129·33	128·16	130·41
23	136·91	142·33	135·16	131·33	130·74	130·41	129·66	130·33	130·16	129·49	128·16	131·16
24	136·91	142·33	134·91	131·33	130·74	130·41	129·66	130·33	130·16	129·49	128·08	131·49
25	136·66	142·41	134·66	131·66	130·66	130·49	129·66	130·33	130·16	129·66	128·08	131·99
26	136·66	142·33	134·58	131·74	130·66	130·49	129·74	130·24	130·16	129·66	127·99	132·33
27	136·66	142·49	134·33	132·08	130·58	130·49	129·74	130·08	130·16	129·66	127·99	132·16
28	136·66	142·58	134·16	132·66	130·41	130·49	129·74	130·16	130·08	129·66	127·91	132·16
29	136·66	142·49	134·16	133·16	130·33	130·41	129·83	130·16	130·08	129·66	.....	132·33
30	136·16	142·33	134·24	133·49	130·24	130·24	129·74	130·49	129·99	129·66	.....	132·58
31	.....	.....	.....	133·66	130·16	.....	129·74	.....	129·99	129·66	.....	132·91

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1910–11.

TABLE No. 356.

1	133·49	136·16	133·24	131·49	128·66	128·66	127·83	129·66	130·08	128·66	127·58	126·66
2	133·91	136·16	133·49	131·33	128·66	128·91	127·83	129·66	130·08	128·66	127·49	126·66
3	133·99	136·16	133·33	131·24	128·66	128·91	127·74	129·74	129·91	128·58	127·49	126·66
4	134·16	136·16	133·66	131·16	128·66	128·99	127·91	129·74	129·83	128·58	127·41	126·66
5	134·41	136·16	133·66	131·08	128·74	129·08	128·08	129·74	129·74	128·49	127·33	126·58
6	134·66	136·16	133·74	130·99	128·83	129·16	128·24	129·74	129·66	128·49	127·33	126·58
7	134·83	136·08	133·83	130·74	128·74	129·33	128·83	129·83	129·49	128·49	127·33	126·58
8	134·99	135·66	133·99	130·66	128·66	129·33	129·16	129·83	129·41	128·41	127·24	126·49
9	135·16	135·41	134·16	130·58	128·58	129·24	129·41	129·74	129·41	128·41	127·24	126·49
10	135·33	135·16	134·16	130·58	128·58	129·24	129·58	129·74	129·41	128·41	127·24	126·49
11	135·49	134·99	134·16	130·58	128·91	128·91	129·66	129·83	129·41	128·33	127·16	126·41
12	135·66	134·83	134·16	130·33	128·91	128·83	129·91	129·99	129·24	128·33	127·16	126·41
13	135·66	134·66	134·16	130·33	128·83	128·83	129·91	130·16	129·24	128·24	127·16	126·49
14	135·41	134·49	133·99	130·16	128·74	128·83	129·99	130·16	129·24	128·24	127·16	126·49
15	135·16	134·24	133·66	130·08	128·66	128·83	129·99	130·16	129·24	128·16	127·08	126·58
16	134·91	134·16	133·66	129·91	128·58	128·66	129·99	130·24	129·16	128·16	127·08	126·49
17	134·66	134·16	133·33	129·74	128·58	128·66	129·99	130·24	129·16	128·08	127·08	126·49
18	134·41	133·91	133·24	129·66	128·58	128·66	129·91	130·24	129·16	128·08	127·08	126·58
19	134·66	133·83	133·24	129·58	128·58	128·49	129·83	129·91	129·08	127·99	127·08	126·58
20	134·91	133·66	133·16	129·49	128·66	128·49	129·74	129·83	129·08	127·91	127·08	126·58
21	134·83	133·58	133·08	129·49	128·66	128·49	129·74	129·83	129·08	127·91	126·99	126·66
22	134·91	133·66	132·83	129·49	128·66	128·49	129·74	129·91	128·99	127·83	126·99	126·74
23	134·99	133·41	132·74	129·41	128·74	128·33	129·83	129·91	128·99	127·83	126·91	126·83
24	135·16	133·41	132·66	129·24	128·83	128·24	129·74	129·91	128·91	127·83	126·91	126·83
25	135·33	133·41	132·49	129·16	128·91	128·16	129·66	129·91	128·91	127·74	126·83	126·74
26	135·66	133·24	132·33	128·99	129·16	127·99	129·66	129·91	128·83	127·74	126·74	126·74
27	136·16	133·16	132·08	128·91	129·16	127·99	129·66	129·83	128·83	127·74	126·74	126·83
28	136·16	133·16	131·91	128·91	128·91	127·99	129·66	129·83	128·83	127·74	126·66	127·08
29	136·16	133·16	131·74	128·99	128·74	127·99	129·66	129·91	128·83	127·66	.....	127·33
30	136·16	133·24	131·58	128·99	128·66	127·91	129·66	130·08	128·83	127·66	.....	127·66
31	.....	133·24	.....	128·83	128·66	.....	129·66	.....	128·74	127·66	.....	127·99

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1911–12.

TABLE No. 357.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	127·99	135·16	136·16	132·49	128·83	128·24	127·24	127·16	128·99	130·49	128·49	127·83
2	127·91	135·66	136·08	132·58	128·74	128·08	127·24	127·24	128·91	130·49	128·41	127·83
3	127·91	135·66	135·74	132·49	128·74	128·08	127·24	127·24	128·91	130·49	128·41	127·83
4	127·83	136·66	135·66	132·24	128·74	127·99	127·16	127·16	128·91	130·41	128·41	127·83
5	127·91	136·91	135·49	132·16	128·66	127·91	127·24	127·16	128·83	130·41	128·41	127·74
6	127·99	137·16	135·41	131·99	128·66	127·91	127·33	127·24	128·91	130·41	128·33	127·74
7	128·16	137·16	135·33	131·83	128·66	127·99	127·16	127·33	128·91	130·41	128·33	127·74
8	128·16	137·41	135·16	131·66	128·66	127·91	127·16	127·33	128·91	130·33	128·33	127·66
9	130·16	137·83	134·91	131·49	128·83	127·83	127·08	127·41	128·99	130·33	128·24	127·66
10	131·24	137·91	134·66	131·33	128·99	127·74	127·08	127·49	129·16	130·33	128·24	127·66
11	132·16	137·91	134·58	131·16	129·16	127·66	126·99	127·66	129·24	130·33	128·24	127·66
12	132·49	137·91	134·58	131·08	129·16	127·66	126·99	127·83	130·16	130·33	128·16	127·66
13	132·99	137·74	134·66	130·91	129·33	127·66	126·99	127·99	130·66	130·24	128·16	127·66
14	133·33	137·49	134·91	130·66	129·49	127·66	126·99	128·16	130·91	130·24	128·16	127·66
15	133·66	137·16	134·91	130·41	129·49	127·58	126·91	128·33	130·66	130·16	128·16	127·74
16	133·66	136·99	134·99	130·24	129·49	127·66	126·91	128·58	130·66	130·16	128·08	127·74
17	133·66	136·83	134·83	130·08	129·16	127·66	126·91	128·58	130·66	130·16	128·08	127·83
18	133·16	136·66	134·74	130·16	129·08	127·58	126·83	128·66	130·49	129·99	127·99	127·91
19	132·99	136·49	134·66	130·08	129·08	127·49	126·91	128·66	130·41	129·99	127·99	127·99
20	132·91	136·16	134·49	129·91	128·99	127·49	126·91	128·66	130·41	129·66	127·99	127·99
21	132·66	135·99	134·33	129·83	128·99	127·49	126·99	128·66	130·41	129·58	127·99	127·99
22	132·49	135·83	134·16	129·83	128·83	127·49	126·99	128·58	130·41	129·49	127·91	127·91
23	132·66	135·66	133·83	129·74	128·74	127·49	126·99	128·66	130·33	129·41	127·91	127·91
24	132·91	135·83	133·66	129·66	128·66	127·49	127·08	128·99	120·33	129·41	127·91	127·91
25	133·16	136·16	133·41	129·49	128·66	127·49	127·08	128·99	130·33	129·33	127·99	127·83
26	133·33	136·16	133·16	129·49	128·58	127·41	127·08	129·16	130·33	129·16	127·99	127·83
27	133·49	136·33	132·91	129·33	128·49	127·33	127·08	129·16	130·16	129·08	127·91	127·83
28	133·83	136·33	132·91	129·16	128·41	127·33	127·08	129·24	130·16	129·08	127·91	127·91
29	134·16	136·16	132·83	129·16	128·41	127·24	127·16	129·41	130·16	128·99	127·91	127·91
30	134·66	136·24	132·66	128·99	128·24	127·33	127·08	129·16	130·49	128·83	.....	127·99
31	.....	136·33	.....	128·91	128·24	.....	127·16	.....	130·49	128·66	.....	127·99

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1912–13.

TABLE No. 358.

1	127·99	135·99	139·08	133·62	130·12	129·33	129·41	131·66	131·49	130·45	130·66	129·41
2	127·91	135·83	138·91	133·45	129·95	129·20	129·23	131·66	131·33	130·41	130·70	129·33
3	127·91	135·74	138·74	133·28	129·83	129·24	129·20	131·78	131·57	130·41	130·74	129·24
4	127·99	135·66	138·45	132·95	129·83	129·24	129·12	131·74	131·83	130·70	130·83	129·24
5	127·91	135·41	138·12	132·74	129·74	129·18	129·16	131·78	132·12	130·99	130·70	129·16
6	127·95	135·41	137·87	132·62	129·74	129·33	129·03	131·70	132·08	131·20	130·45	129·24
7	128·49	135·49	137·74	132·53	129·66	129·33	128·99	132·08	131·99	131·04	130·28	129·28
8	130·87	135·49	137·53	132·37	129·53	129·45	128·99	133·41	131·87	130·95	130·20	129·37
9	131·91	135·53	137·28	132·20	129·58	129·45	128·91	134·08	131·66	130·78	130·03	129·41
10	132·24	135·49	137·20	132·08	129·70	129·41	128·91	134·24	131·74	130·53	129·87	129·45
11	132·58	135·58	136·91	131·95	129·70	129·49	128·87	133·99	131·99	130·37	129·83	129·41
12	133·16	135·62	136·66	131·78	129·87	129·58	128·74	133·78	131·99	130·29	129·91	129·33
13	133·62	135·87	136·45	131·62	130·12	129·41	128·74	133·58	131·94	130·24	129·91	129·20
14	133·66	136·08	136·24	131·66	130·20	129·49	128·78	133·74	131·86	130·29	129·91	129·20
15	133·74	136·16	135·95	131·66	130·20	129·49	128·87	133·87	131·79	130·33	129·83	129·45
16	134·24	136·20	135·91	131·66	130·12	129·49	128·91	133·82	131·74	130·33	129·83	130·87
17	134·74	136·57	135·87	131·49	130·03	129·45	128·91	133·70	131·66	130·33	129·74	131·49
18	134·95	136·91	135·70	131·45	129·87	129·37	128·91	133·24	131·62	130·66	129·74	131·49
19	135·28	137·03	135·53	131·41	129·78	129·28	128·87	132·95	131·62	131·24	129·66	131·58
20	135·33	137·20	135·45	131·28	129·74	129·16	129·03	132·74	131·66	131·41	129·66	131·99
21	135·12	137·33	135·41	131·12	129·74	129·16	129·10	132·53	131·62	131·49	129·74	132·91
22	135·16	137·33	135·37	131·12	129·62	129·16	129·16	132·28	131·45	131·41	129·74	134·66
23	135·99	137·16	135·24	131·12	129·58	129·20	129·20	132·16	131·28	131·54	129·66	135·16
24	136·20	137·16	135·16	130·99	129·49	129·28	129·82	131·99	131·12	131·49	129·66	135·33
25	136·41	137·49	134·91	130·83	129·53	129·33	130·36	132·16	131·12	131·24	129·58	136·33
26	136·33	137·87	134·70	130·74	129·49	129·37	130·91	132·08	131·24	131·12	129·58	136·66
27	136·33	137·91	134·53	130·70	129·58	129·41	131·10	131·83	139·95	131·03	129·49	136·49
28	136·16	137·91	134·33	130·53	129·58	129·33	131·45	131·83	130·91	130·99	129·49	135·95
29	135·99	138·08	134·08	130·45	129·58	129·41	131·45	131·66	130·78	130·99	.....	135·33
30	135·99	138·41	133·87	130·37	129·49	129·41	131·70	131·66	130·62	130·95	.....	134·83
31	.....	138·95	.....	130·20	129·41	.....	131·66	.....	130·53	130·70	.....	134·99

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1913–14.

TABLE No. 359.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	136·16	137·12	134·37	130·62	128·99	128·04	128·16	131·16	132·16	130·16	128·91	128.53
2	136·66	137·41	134·12	130·41	128·99	127·99	128·20	130·95	132·16	130·16	128·91	128·45
3	136·41	137·74	133·66	130·20	128·87	127·95	128·24	130·91	132·20	129·95	128·95	128·41
4	136·07	137·99	133·83	130·16	128·78	128·12	128·28	130·83	132·24	129·83	129·03	128·41
5	136·62	138·12	133·74	130·04	128·74	128·12	128·33	130·83	132·20	129·74	129·08	128·33
6	136·66	138·29	133·45	129·99	128·74	128·07	128·20	130·66	132·12	129·78	129·03	128·33
7	136·66	138·33	133·24	129·91	128·66	128·04	128·16	130·53	132·16	129·74	128·99	128·37
8	136·66	138·08	133·16	129·79	128·66	127·91	128·12	130·41	132·16	129·74	128·99	128·41
9	136·49	137·95	132·99	129·66	128·62	127·83	128·04	130·28	132·03	129·74	128·91	128·41
10	136·37	137·70	132·91	129·74	128·49	127·79	127·99	130·37	132·03	129·66	128·87	128·33
11	136·20	137·53	132·87	129·66	128·41	127·66	127·91	130·66	131·95	129·66	128·83	128·33
12	136·20	137·12	132·78	129·59	128·33	127·66	127·91	130·78	131·66	129·53	128·74	128·33
13	136·12	136·95	132·74	129·59	128·28	127·53	127·91	130·78	131·49	129·28	128·74	128·24
14	135·87	136·74	132·66	129·66	128·16	127·53	127·99	130·78	131·45	129·12	128·70	128·24
15	135·78	136·57	132·66	129·58	128·16	127·45	127·99	130·99	131·37	129·03	128·66	128·24
16	135·83	136·12	132·58	129·49	128·16	127·53	127·99	131·28	131·33	128·99	128·66	128·12
17	135·83	136·12	132·45	129·49	128·12	127·66	127·99	131·45	131·24	129·03	128·66	128·16
18	135·83	136·04	132·37	129·58	128·08	127·70	128·04	131·57	131·24	129·08	128·62	128·20
19	136·07	135·79	132·29	129·58	128·04	127·83	128·12	131·62	131·16	129·08	128·58	128·28
20	136·16	135·41	132·20	129·58	127·95	127·70	128·20	131·78	131·12	129·08	128·58	128·33
21	136·20	135·12	132·12	129·58	127·87	127·66	128·91	131·83	131·12	128·99	128·58	128·45
22	136·20	134·91	131·95	129·58	127·99	127·74	129·66	131·87	131·16	128·99	128·58	128·53
23	136·12	134·87	131·79	129·58	127·99	127·88	129·66	131·91	130·99	128·99	128·49	128·62
24	135·91	134·66	131·70	129·54	127·99	127·95	129·79	131·95	130·78	128·95	128·49	128·66
25	135·99	134·58	131·53	129·49	127·99	127·99	130·53	131·91	130·74	128·91	128·49	128·74
26	135·99	134·58	131·20	129·44	127·99	128·04	130·78	131·91	130·66	128·91	128·49	128·91
27	136·16	134·41	131·12	129·28	128·12	128·12	130·87	131·91	130·62	128·83	128·49	129·49
28	136·20	134·74	130·95	129·16	128·16	128·20	131·08	131·91	130·49	128·83	128·58	130·49
29	136·53	134·83	130·87	129·16	128·16	128·16	131·16	131·95	130·28	128·83	.....	131·24
30	136·91	134·70	130·70	129·16	128·16	128·16	131·16	132·03	130·20	128·78	.....	131·58
31	.....	134·62	.....	129·04	128·08	.....	131·16	.....	139·16	128·87	.....	131·58

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1914–15.

TABLE No. 360.

1	131·66	133·83	131·74	130·91	128·66	127·16	126·74	127·08	127·99	127·41	127·49	128·08
2	131·78	134·16	131·74	130·83	128·49	127·24	126·74	127·16	128·16	127·41	127·49	128·08
3	131·83	133·99	131·62	130·83	128·41	127·24	126·74	127·16	128·66	127·33	127·49	128·08
4	131·83	133·99	131·24	130·83	128·41	127·16	126·66	127·33	128·99	127·33	127·41	127·83
5	131·61	134·12	131·16	130·83	128·33	127·16	126·58	127·41	128·99	127·33	127·41	127·74
6	131·41	134·20	131·16	130·74	128·24	127·16	126·49	127·33	128·83	127·33	127·41	127·66
7	131·08	134·24	131·16	130·74	128·16	127·16	126·49	127·33	128·74	127·49	127·33	127·58
8	130·91	134·24	131·16	130·66	128·08	127·24	126·49	127·41	128·74	127·91	127·33	127·49
9	130·49	134·41	131·16	130·58	127·99	127·24	126·41	127·41	128·66	127·99	127·33	127·49
10	130·24	134·66	131·16	130·49	127·91	127·33	126·41	127·33	128·58	127·99	127·33	127·49
11	130·03	134·49	131·08	130·41	127·83	127·24	126·49	127·33	128·49	127·99	127·33	127·49
12	130·16	134·45	130·95	130·24	127·83	127·24	126·66	127·41	128·41	128·08	127·33	127·41
13	130·28	134·41	130·83	130·16	127·74	127·16	126·91	127·41	128·41	128·08	127·24	127·33
14	130·20	134·37	130·83	130·08	127·74	127·16	126·91	127·41	128·33	127·99	127·24	127·33
15	130·03	134·28	130·83	129·99	127·83	127·16	126·91	127·33	128·41	127·91	127·24	127·33
16	129·70	134·16	130·66	129·91	127·83	127·16	126·91	127·58	128·33	127·91	127·24	127·41
17	129·87	134·03	130·58	129·83	127·66	127·16	126·99	128·16	128·24	127·83	127·33	127·41
18	130·20	133·87	130·41	129·83	127·66	127·16	126·99	128·16	128·16	127·83	127·33	127·41
19	130·70	133·78	130·41	129·74	127·58	127·16	126·99	127·99	127·99	127·91	127·33	127·41
20	131·08	133·62	130·41	129·66	127·49	127·16	127·08	128·08	127·91	127·91	127·24	127·33
21	131·62	133·37	130·66	129·58	127·49	127·08	127·16	128·08	127·91	127·91	127·24	127·41
22	131·91	133·12	130·74	129·49	127·49	127·08	127·16	128·08	127·91	127·91	127·16	127·49
23	131·91	132·95	130·83	129·41	127·49	126·99	127·16	127·99	127·91	127·91	127·16	127·83
24	131·87	132·78	130·91	129·33	127·41	126·99	127·08	127·91	127·74	127·91	127·24	128·41
25	131·83	132·58	131·16	129·24	127·41	126·99	127·08	127·99	127·66	127·74	127·74	128·99
.....	132·24	132·37	131·08	129·16	127·41	126·91	126·99	128·08	127·49	127·74	128·33	129·41
27	132·83	132·20	130·99	129·08	127·33	126·91	126·99	128·08	127·41	127·74	128·41	129·49
28	133·20	132·03	130·83	128·99	127·24	126·83	126·99	128·08	127·41	127·66	128·16	129·08
29	133·33	132·12	130·87	128·91	127·24	126·83	126·99	127·99	127·49	127·66	.....	128·91
30	133·58	132·08	131·08	128·83	127·33	126·83	127·16	127·91	127·58	127·58	.....	128·66
31	.....	131·87	.....	128·66	127·24	.....	127·16	.....	127·49	127·58	.....	128·66

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1870.

TABLE No. 361.

Day.	April.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·67	87·67	88·17
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·67	88·67	88·17
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·67	89·17	88·17
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·67	89·42	88·17
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·67	89·67	88·17
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·67	89·17	88·17
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·84	88·17	88·17
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	85·50	86·17	88·17
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	86·00	86·17	88·17
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	86·67	86·17	88·17
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	87·17	86·67	88·17
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	87·17	86·67	88·17
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	88·17	87·17	88·17
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	88·67	87·17	87·67
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	89·67	87·17	87·67
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	87·17	87·17	87·67
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	85·17	87·67	87·17
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	85·17	87·67	87·17
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	85·67	87·67	86·67
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	86·17	88·17	86·67
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	86·67	89·17	86·17
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	86·67	90·17	86·17
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	86·67	90·17	86·17
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	86·67	90·17	86·17
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	87·67	90·17	86·17
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	88·17	90·67	86·17
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	89·17	90·67	86·17
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	88·67	89·67	86·17
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	86·67	.....	86·17
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	86·67	.....	86·17
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	87·17	.....	86·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1870–71.

Table No. 362.

1	86·17	96·17	87·92	84·67	83·92	82·92	82·17	84·17	84·84	88·67	90·17	90·17
2	86·17	95·92	87·75	84·67	83·87	82·92	82·09	84·25	84·75	89·17	89·17	89·17
3	86·42	95·67	87·59	84·67	83·84	82·92	82·09	84·34	84·67	89·66	88·67	89·17
4	86·67	95·50	87·42	84·67	83·79	82·92	82·17	84·42	84·59	89·66	90·17	89·17
5	87·67	95·42	87·34	84·59	83·75	82·92	82·25	84·50	84·50	89·92	92·67	88·17
6	87·67	95·17	87·25	84·59	83·71	83·00	82·25	84·67	84·50	89·92	93·67	87·17
7	88·17	94·92	87·09	84·59	83·67	83·00	82·17	84·84	84·50	89·17	93·67	86·17
8	89·17	94·67	86·92	84·59	83·67	83·00	82·09	85·00	84·42	89·67	93·67	85·17
9	89·67	94·67	86·84	84·59	83·59	83·00	82·09	85·17	84·42	89·92	93·67	85·42
10	89·92	94·17	86·75	84·59	83·59	83·00	82·09	85·25	84·42	89·92	93·67	85·67
11	90·67	93·92	86·75	84·67	83·59	82·92	82·09	85·34	84·34	89·92	94·17	86·67
12	91·42	93·67	86·67	84·75	83·50	82·92	82·00	85·34	84·34	89·92	94·67	87·67
13	91·67	93·17	86·59	84·75	83·50	82·92	82·00	85·34	84·25	88·17	94·17	87·92
14	91·92	92·67	86·50	84·84	83·50	82·84	82·00	85·34	84·25	85·17	94·17	88·17
15	92·17	92·42	86·42	84·84	83·42	82·84	82·00	85·34	84·25	85·17	94·17	88·42
16	92·17	92·17	86·34	84·75	83·42	82·84	82·00	85·34	84·17	85·67	93·67	88·67
17	92·92	91·75	86·25	84·67	83·34	82·75	82·00	85·34	84·17	85·67	91·17	88·67
18	93·42	91·50	86·17	84·59	83·34	82·75	81·92	85·34	84·17	85·67	90·17	89·17
19	94·17	91·17	86·09	84·50	83·25	82·67	82·42	85·34	84·42	85·67	90·67	89·17
20	94·67	90·92	86·00	84·50	83·25	82·67	82·67	85·34	84·67	85·67	91·17	89·17
21	95·42	90·67	85·84	84·50	83·21	82·59	82·84	85·25	84·92	85·67	92·17	89·17
22	95·42	90·17	85·67	84·42	83·17	82·59	82·92	85·17	85·17	86·67	94·67	89·17
23	95·42	89·92	85·50	84·34	83·09	82·59	83·00	85·09	85·67	87·67	94·67	89·17
24	95·67	89·67	85·34	84·34	83·09	82·50	83·09	85·09	85·67	88·67	90·67	88·67
25	95·67	89·42	85·17	84·34	83·00	82·50	83·17	85·00	85·92	89·67	90·67	88·17
26	95·92	89·17	85·09	84·25	83·00	82·50	83·25	85·00	86·17	90·67	90·67	87·67
27	96·17	88·92	85·00	84·17	82·96	82·42	83·42	84·92	86·67	91·17	90·67	87·17
28	96·34	88·67	84·92	84·09	82·92	82·34	83·59	84·92	86·92	91·17	91·17	86·67
29	96·42	88·50	84·84	84·00	82·92	82·34	83·67	84·84	87·17	91·17	.....	86·17
30	96·42	88·34	84·67	83·92	82·92	82·25	83·84	84·84	87·67	91·17	.....	86·17
31	.....	88·17	.....	83·92	82·92	.....	84·09	.....	88·17	90·67	.....	86·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1871–72.

TABLE No. 363.

Day.	April.	May.	June.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86·17	92·92	90·17	86·92	84·50	82·75	81·92	83·34	83·42	85·67	92·17	92·67
2	86·17	92·92	90·17	86·75	84·42	82·67	81·92	83·34	83·59	85·67	87·17	91·17
3	86·17	92·92	90·17	86·67	84·42	82·63	81·92	83·34	83·59	86·17	88·17	91·67
4	86·17	92·92	90·00	86·59	84·34	82·63	82·09	83·34	83·59	86·67	88·67	91·67
5	86·17	93·67	89·92	86·50	84·25	82·63	82·17	83·34	83·59	85·17	88·67	92·17
6	86·17	93·92	89·75	86·42	84·25	82·63	82·17	83·34	83·59	85·67	88·67	92·17
7	86·17	93·92	89·67	86·34	84·17	82·59	82·17	83·34	83·59	86·17	88·67	93·17
8	86·17	93·92	89·59	86·25	84·09	82·54	82·13	83·34	83·59	86·17	88·67	93·67
9	86·67	94·17	89·42	86·17	84·00	82·54	82·09	83·34	83·59	86·17	89·17	94·17
10	87·17	94·17	89·34	86·00	83·92	82·50	82·05	83·34	83·59	85·67	89·67	94·67
11	87·67	93·92	89·34	85·84	83·84	82·50	82·00	83·34	83·59	85·67	90·17	94·17
12	88·17	93·67	89·17	85·75	83·75	82·46	82·17	83·34	83·59	85·17	89·17	94·17
13	88·67	93·50	89·09	85·59	83·66	82·42	82·25	83·25	83·59	85·67	87·17	94·17
14	89·17	93·42	89·00	85·50	83·59	82·38	82·34	83·17	83·59	85·67	87·67	94·17
15	89·67	93·17	88·92	85·42	83·50	82·34	82·34	83·17	83·59	86·17	87·67	94·17
16	89·67	93·67	88·92	85·42	83·42	82·25	82·84	83·17	83·59	86·67	87·67	94·17
17	89·92	93·00	88·84	85·34	83·42	82·25	82·50	83·42	83·59	86·67	87·67	94·17
18	89·92	92·84	88·75	85·34	83·34	82·17	82·50	83·59	83·59	86·67	87·17	94·17
19	90·17	92·67	88·59	85·34	83·25	82·17	82·50	83·50	83·59	87·17	87·17	94·17
20	90·67	92·42	88·42	85·25	83·17	82·17	82·59	83·42	83·59	87·67	87·17	94·67
21	91·17	92·17	88·17	85·17	83·17	82·13	82·63	83·34	84·34	87·67	87·17	95·17
22	91·67	91·92	87·92	85·09	83·17	82·09	82·63	83·25	84·67	88·17	87·67	95·17
23	92·17	91·67	87·67	85·09	83·09	82·05	82·67	83·17	84·84	88·67	88·17	95·17
24	92·17	91·42	87·50	85·00	83·00	82·00	82·71	83·17	84·84	89·17	89·17	95·17
25	92·17	91·17	87·42	84·84	82·92	81·96	82·75	83·17	84·84	89·67	90·17	95·17
26	92·42	90·92	87·34	84·67	82·92	81·96	82·84	83·17	84·84	90·17	90·67	95·17
27	92·42	90·67	87·25	84·50	82·92	82·05	83·00	83·17	84·84	90·67	91·17	91·17
28	92·67	90·67	87·17	84·50	82·84	82·05	83·17	83·17	84·84	90·67	91·67	89·17
29	92·84	90·67	87·00	84·50	82·84	82·00	83·25	83·17	84·84	90·67	92·17	88·17
30	92·92	90·42	86·92	84·50	82·84	81·96	83·34	83·17	85·00	91·17	.....	86·17
31	.....	90·42	.....	84·50	82·84	.....	83·34	.....	86·00	91·67	.....	86·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1872–73.

TABLE No. 364

1	88·17	88·17	91·67	88·00	84·75	83·09	85·09	86·00	84·34	90·92	96·17	95·17
2	88·17	88·42	91·67	87·00	84·67	83·09	85·00	85·92	84·34	90·92	96·67	95·17
3	86·17	88·92	91·67	86·84	84·67	83·09	85·00	85·75	84·34	91·17	97·17	95·17
4	85·17	89·17	91·59	86·75	84·67	83·09	85·00	85·66	84·34	91·17	97·67	95·17
5	85·17	89·67	91·50	86·67	84·59	83·17	85·00	85·59	84·34	91·42	98·17	95·17
6	84·67	90·17	91·42	86·50	84·50	83·25	85·34	85·50	84·34	91·42	98·17	95·17
7	84·67	90·67	91·42	86·34	84·42	83·34	85·59	85·42	84·34	91·67	96·17	93·17
8	85·17	91·17	91·42	86·25	84·34	83·42	85·84	85·34	84·50	91·67	96·17	92·17
9	85·67	91·17	91·42	86·17	84·17	83·59	85·75	85·17	84·67	91·67	96·42	92·17
10	85·67	91·67	91·34	86·09	84·09	83·67	85·59	85·09	84·67	91·67	97·67	91·17
11	86·17	91·92	91·25	86·00	84·00	83·67	85·59	85·00	84·84	91·67	98·17	91·17
12	86·67	92·17	91·17	85·92	83·92	83·67	85·59	85·00	85·00	91·67	98·42	91·17
13	86·67	92·42	91·09	85·84	83·84	83·67	85·59	85·00	85·00	91·92	98·67	90·17
14	86·67	92·67	91·00	85·75	83·75	83·67	85·59	85·00	85·17	92·17	99·17	88·17
15	86·67	92·92	90·84	85·67	83·67	83·67	85·67	85·00	85·67	92·67	99·42	86·17
16	86·17	93·17	90·67	85·59	83·59	83·92	85·75	85·00	85·67	93·17	99·42	86·17
17	86·17	93·42	90·59	85·50	83·50	84·17	85·84	85·00	85·67	93·67	99·42	85·67
18	86·17	93·42	90·34	85·34	83·42	84·50	85·92	85·00	85·67	94·17	98·17	85·17
19	86·17	93·42	90·00	85·25	83·42	84·84	86·00	84·75	85·67	94·42	96·17	85·17
20	86·34	93·34	89·75	85·09	83·42	85·17	86·00	84·84	86·17	94·67	96·17	85·17
21	86·50	93·17	89·50	85·00	83·42	85·25	86·09	84·75	86·67	94·67	96·67	85·17
22	86·67	92·92	89·34	84·92	83·84	85·25	86·09	84·67	86·67	94·92	97·67	85·17
23	86·84	92·67	89·17	84·84	83·75	85·25	86·00	84·59	88·67	92·17	99·17	85·17
24	86·84	92·42	88·92	84·75	83·67	85·25	85·92	84·59	89·17	92·67	98·67	85·17
25	86·84	92·17	88·67	84·67	83·59	85·25	85·92	84·59	89·67	93·17	99·17	86·17
26	86·84	91·92	88·42	84·67	83·50	85·17	85·92	84·59	90·17	93·67	99·17	87·17
27	87·00	91·92	88·17	84·67	83·42	85·17	86·00	84·50	90·42	94·17	98·17	91·17
28	87·17	91·92	87·92	84·67	83·34	85·09	86·00	84·42	90·67	94·25	96·17	92·17
29	87·42	91·84	87·67	84·75	83·25	85·09	86·09	84·34	90·92	95·17	..	85·17
30	87·92	91·75	87·42	84·75	83·17	85·09	86·09	84·34	90·92	95·67	.	85·17
31	.....	91·67	.....	84·84	83·00	.....	86·09	.....	90·92	95·67		85·17

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1873–74.

TABLE No. 365.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	85·17	90·84	95·67	88·67	85·42	83·59	84·09	86·59	86·67	87·17	92·17	91·17
2	85·17	91·00	95·42	88·59	85·34	83·75	84·25	86·67	86·67	85·17	92·67	90·17
3	85·17	91·67	95·17	88·50	85·34	83·59	84·34	86·67	86·17	85·17	93·17	85·17
4	85·17	91·92	94·92	88·42	85·34	83·59	84·50	86·59	86·17	85·17	93·67	85·17
5	85·17	92·17	94·67	88·17	85·25	83·59	85·17	86·59	85·84	85·67	94·17	86·17
6	85·17	92·42	94·42	87·92	85·25	83·50	85·67	86·50	85·84	86·17	94·17	86·17
7	85·17	92·67	94·17	87·84	85·17	83·50	85·84	86·42	86·00	86·17	93·67	86·17
8	85·67	92·84	93·92	87·75	85·17	83·50	85·92	86·34	86·17	86·17	93·67	86·17
9	86·17	93·00	93·67	87·67	85·17	83·42	85·92	86·34	86·17	86·17	93·67	86·17
10	86·67	93·17	93·42	87·50	85·00	83·42	85·92	86·34	86·17	86·17	93·17	86·67
11	87·17	93·42	93·17	87·34	84·92	83·34	85·84	86·34	86·17	86·17	93·17	87·67
12	87·67	93·67	93·00	87·17	84·84	83·34	85·75	86·25	86·17	86·67	93·17	88·67
13	88·67	94·17	92·92	87·00	84·75	83·25	85·67	86·25	86·34	86·92	93·17	89·67
14	89·67	94·67	92·67	86·84	84·67	83·25	85·67	86·00	86·50	87·17	92·92	90·67
15	90·17	94·92	92·17	86·67	84·59	83·17	85·59	85·92	86·67	87·67	92·67	87·67
16	91·17	95·17	91·67	86·50	84·50	83·17	85·59	85·75	86·67	88·17	92·17	86·17
17	92·17	95·42	91·42	86·34	84·50	83·09	85·50	85·67	86·17	88·67	92·17	86·17
18	92·17	95·67	91·17	86·17	84·42	83·09	85·50	85·50	86·17	89·17	92·17	86·17
19	92·17	95·67	90·84	86·00	84·34	83·17	85·50	85·50	86·17	89·17	92·17	86·17
20	92·17	95·67	90·67	86·00	84·25	83·17	85·67	85·50	86·17	89·17	91·67	86·17
21	92·42	95·50	90·42	86·00	84·25	83·25	85·92	85·50	86·17	89·17	91·17	86·17
22	92·42	95·34	90·17	86·00	84·17	83·34	86·00	85·50	86·17	88·17	91·17	86·17
23	92·17	95·17	89·92	85·92	84·00	83·42	86·00	85·50	86·17	86·17	91·17	86·17
24	92·17	95·17	89·67	85·84	84·00	83·50	86·17	85·50	86·17	87·17	91·67	86·17
25	91·92	95·34	89·50	85·67	83·92	83·59	86·17	85·50	86·17	88·17	91·67	86·17
26	91·92	95·50	89·34	85·59	83·84	83·59	86·25	85·59	86·42	89·17	91·67	86·17
27	91·67	95·59	89·17	85·50	83·75	83·67	86·34	85·67	86·67	90·17	91·67	86·17
28	91·42	95·67	89·00	85·50	83·75	83·84	86·42	85·84	86·67	90·67	91·67	86·17
29	91·17	95·84	88·84	85·42	83·75	83·92	86·50	86·17	87·17	91·17	.....	86·17
30	90·92	95·92	88·67	85·42	83·67	84·00	86·59	86·42	87·67	91·67	.....	86·17
31	.....	.....	.....	85·42	83·67	.....	86·59	.....	87·67	92·17	.....	86·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1874–75.

TABLE No. 366.

1	86·17	86·84	93·67	91·17	85·50	83·42	82·09	82·09	82·59	85·17	85·67	95·17
2	86·17	86·67	93·67	90·92	85·42	83·34	82·09	82·09	82·59	85·17	85·67	95·67
3	86·17	86·50	93·67	90·67	85·42	83·34	82·17	82·09	82·59	85·17	85·67	96·17
4	86·17	86·34	93·59	90·50	85·34	83·25	82·17	82·09	82·59	85·42	85·67	96·67
5	86·17	86·50	93·50	90·34	85·25	83·17	82·17	82·17	82·59	85·67	85·92	96·67
6	86·17	86·67	93·34	90·17	85·17	83·09	82·17	82·25	82·59	85·67	87·17	96·67
7	86·17	86·84	93·17	89·92	85·00	83·00	82·17	82·34	82·59	85·84	88·67	96·17
8	86·17	87·17	93·17	89·67	84·84	82·92	82·17	82·42	82·59	85·84	91·17	96·17
9	86·17	87·67	93·17	89·42	84·75	82·84	82·17	82·50	82·59	85·84	92·17	96·17
10	86·17	87·92	93·00	89·17	84·67	82·75	82·25	82·50	82·59	86·34	93·17	96·17
11	86·17	88·17	92·84	88·92	84·59	82·67	82·34	82·50	82·59	86·67	93·17	96·17
12	85·17	88·42	92·75	88·67	84·50	82·59	82·42	82·50	82·59	86·92	93·67	96·17
13	85·17	88·67	92·67	88·42	84·42	82·50	82·42	82·50	82·59	87·17	94·17	95·17
14	85·42	88·92	92·67	88·17	84·34	82·34	82·42	82·50	82·59	87·17	94·67	95·17
15	85·67	89·17	92·67	87·92	84·25	82·25	82·34	82·50	82·59	86·17	95·17	94·17
16	85·92	89·50	92·67	87·67	84·17	82·17	82·34	82·50	83·17	86·17	95·17	92·17
17	86·17	89·67	92·67	87·42	84·17	82·17	82·34	82·50	83·67	86·67	95·17	92·67
18	86·42	90·17	92·67	87·17	84·17	82·17	82·34	82·50	83·75	86·67	93·17	92·67
19	86·67	90·67	92·67	87·17	84·17	82·17	82·34	82·50	83·84	85·67	93·17	93·17
20	86·92	91·17	92·67	87·17	84·09	82·17	82·34	82·50	83·84	85·17	93·17	93·17
21	86·92	91·67	92·67	87·09	84·00	82·17	82·25	82·50	83·84	85·17	94·17	93·67
22	86·92	92·17	92·17	87·00	83·92	82·17	82·17	82·50	83·84	85·17	94·17	94·17
23	86·92	92·67	92·17	86·84	83·84	82·17	82·17	82·59	83·84	85·17	94·17	94·17
24	86·92	92·92	92·17	86·67	83·75	82·17	82·09	82·59	83·34	85·42	94·17	94·17
25	86·92	93·17	92·17	86·50	83·67	82·13	82·09	82·59	83·34	85·67	94·17	94·17
26	86·92	93·34	91·92	86·34	83·67	82·13	82·09	82·59	83·34	85·92	94·67	94·17
27	86·92	93·50	91·92	86·17	83·67	82·13	82·00	82·59	83·34	85·17	95·17	94·17
28	86·92	93·67	91·67	86·17	83·59	82·09	82·00	82·59	83·34	85·42	95·17	93·17
29	86·92	93·67	91·50	86·00	83·59	82·09	82·00	82·59	83·34	85·67	.....	91·17
30	86·92	93·67	91·35	85·84	83·50	82·09	82·00	82·59	83·34	85·67	.....	88·17
31	.....	93·67	.....	85·67	83·42	.....	82·00	.....	83·17	85·67	.....	85·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1875–76.

TABLE No. 367

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	85·67	92·92	86·84	85·09	.....	83·09	84·59	86·17	88·17	92·17	96·17
2	.....	86·17	92·67	86·75	84·92	.....	83·00	84·67	86·67	88·17	92·17	95·17
3	.....	86·67	92·42	86·67	84·75	.....	83·00	84·75	86·67	88·17	93·17	94·17
4	.....	87·17	92·17	86·67	84·67	.....	83·00	84·75	86·67	88·17	93·67	94·17
5	.....	87·67	91·67	86·67	84·59	.....	83·09	84·84	86·67	88·67	93·67	93·17
6	.....	88·17	91·42	86·67	84·50	.....	83·17	84·75	86·67	88·67	93·67	92·17
7	.....	88·67	91·17	86·67	84·59	.....	83·34	84·67	86·67	89·17	92·67	90·17
8	.....	89·17	91·00	86·59	84·42	.....	83·50	84·67	86·67	89·67	91·67	89·17
9	.....	89·67	90·92	86·50	84·34	.....	83·67	84·67	86·67	89·67	91·17	89·17
10	.....	90·17	90·75	86·42	84·25	.....	83·75	84·75	86·67	90·67	91·17	89·17
11	.....	90·67	90·67	86·34	84·17	.....	83·84	84·84	87·17	92·17	91·17	89·17
12	.....	91·17	90·50	86·25	84·17	.....	83·92	84·84	87·67	92·17	91·67	89·17
13	.....	92·17	90·34	86·17	84·25	.....	84·00	84·84	87·67	92·17	91·67	89·67
14	.....	93·17	90·17	86·09	84·34	.....	84·09	84·84	88·17	92·67	92·17	89·67
15	.....	94·17	90·00	86·00	84·50	.....	84·17	84·84	88·67	92·67	92·17	90·17
16	.....	94·67	89·84	85·92	84·67	.....	84·34	84·75	89·17	91·67	92·17	90·67
17	.....	95·17	89·67	85·84	84·84	.....	84·50	84·67	90·17	91·67	92·67	91·17
18	.....	95·17	89·50	85·75	85·00	.....	84·50	84·59	90·67	91·67	92·67	92·17
19	.....	95·17	89·17	85·67	85·17	.....	84·50	84·50	91·17	91,67	93·17	92·67
20	.....	95·09	88·92	85·50	85·17	.....	84·50	84·34	91·17	91·17	93·17	92·67
21	.....	95·00	88·67	85·34	85·17	.....	84·50	84·17	91·17	91·17	93·17	93·17
22	.....	94·92	88·50	85·17	85·09	.....	84·42	84·17	90·17	91·67	93·17	93·17
23	.....	94·75	88·17	85·00	85·00	.....	84·34	84·17	88·17	92·17	93·67	92·17
24	.....	94·59	87·92	84·84	84·92	.....	84·25	84·17	88·67	92·17	94·17	91·17
25	.....	94·42	87·67	84·92	84·92	.....	84·25	84·50	88·67	92·17	94·67	90·17
26	.....	94·17	87·42	85·00	84·84	.....	84·34	84·67	89·17	90·17	95·17	90·17
27	.....	94·00	87·17	85·17	84·75	.....	84·42	84·67	89·17	90·17	96·17	90·17
28	.....	93·84	87·00	85·34	84·67	.....	84·50	85·17	88·67	90·17	97·17	90·17
29	.....	93·67	86·84	85·34	84·67	.....	84·50	85·17	88·67	90·17	97·17	90·17
30	.....	93·42	86·84	85·25	84·67	.....	84·50	85·67	88·67	91·17	.....	90·17
31	.....	93·17	.....	85·17	84·67	.....	84·59	.....	88·67	91·17	.....	90·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1876–77.

TABLE No. 368.

1	87·17	93·17	96·42	90·42	86·34	83·09	.....	83·67	84·42	91·92	93·17	84·17
2	86,17	93·42	96·17	90·17	86·17	83·09	.....	83·84	84·42	92·17	92·17	84·17
3	86·17	93·67	95·67	90·00	85·92	83·00	.....	83·92	84·42	92·42	91·17	84·17
4	85,67	93·92	95·17	89·84	85·67	83·00	.....	84·00	84·42	92·67	91·17	84·17
5	85,17	94·17	94·92	89·67	85·42	82·92	.....	84·00	84·42	92·92	91·17	84·17
6	84·67	94·42	94·67	89·50	85·17	82·92	.....	83·92	84·42	93·17	91·17	84·17
7	84·17	95·17	94·42	89·50	84·92	82·81	.....	84·09	84·42	93·17	91·17	84·17
8	83·67	95·92	94·42	89·34	84·67	82·75	.....	84·25	84·67	93·17	91·67	84·17
9	83·17	96·67	94·42	89·34	84·42	82·75	.....	84·42	84·92	93·42	92·17	84·17
10	83·17	97·42	94·17	89·17	84·34	82·67	.....	84·50	85·17	93·67	92·17	84·17
11	83·17	98·17	93·67	89·00	84·25	82·67	.....	84·67	85·17	93·92	92·17	84·17
12	83·67	98·67	93·17	88·84	84·17	82·59	.....	84·75	85·17	94·17	92·67	84·17
13	84·17	99·17	92·67	88·67	84·09	82·59	.....	84·84	85·17	94·42	92·67	84·17
14	85·17	99·42	92·42	88·50	84·09	82·59	.....	84·92	85·17	94·67	92·92	84·17
15	86·17	99·67	92·17	88·17	84·00	82·59	.....	84·92	85·42	94·92	93·17	84·17
16	86·17	99·75	92·17	87·92	84·00	82·59	.....	84·92	85·67	95·17	92·17	84·17
17	87·17	99·75	92·34	87·67	84·00	82·59	.....	84·84	85·92	95·42	92·17	84·17
18	88·17	99·75	92·42	87·59	83·92	82·42	.....	84·84	86·17	95·67	92·67	84·17
19	89·17	99·67	92·50	87·50	83·84	82·59	.....	84·84	86·67	95·67	93·17	84·17
20	89·67	99·50	92·50	87·42	83·75	82·59	.....	84·84	87·17	95·17	93·67	84·17
21	89·92	99·17	92·42	87·34	83·67	82·50	.....	84·84	87·67	95·17	91·17	84·17
22	90·17	98·92	92·34	87·24	83·59	82·50	.....	84·84	88·17	95·42	90·17	84·17
23	90·42	98·67	92·17	87·17	83·50	82·42	.....	84·84	88·67	95·42	88·17	84·17
24	90·67	98·42	92·00	87·09	83·42	82·34	.....	84·84	89·17	95·67	86·17	84·17
25	91·17	98·24	91·84	87·00	83·34	82·25	.....	84·67	89·67	95·67	85·17	84·17
26	91·67	98·17	91·67	86·92	83·25	82·25	.....	84·59	90·17	95·67	85·17	84·17
27	92·17	98·00	91·42	86·84	83·24	82·25	.....	84·50	90·67	95·67	84·17	84·17
28	92·67	97·67	91·17	86·75	83·25	82·25	.....	84·50	90·92	95·67	84·17	84·17
29	93·17	97·42	90·92	86·67	83·17	82·25	.....	84·50	91·17	94·67	.....	84·17
30	93·17	97·00	90·67	86·59	83·17	82·25	.....	84·50	91·42	94·17	.....	84·17
31	.....	96·67	.....	86·50	83·17	.....	.....	.....	91·67	94·17	.....	84·17

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1877–78.

TABLE No. 369.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	84·67	88·84	87·17	85·17	84·00	83·00	82·34	83·42	85·75	84·92	88·67	85·17
2	85·17	88·75	87·00	85·17	83·92	83·00	82·34	83·42	85·84	84·92	89·67	85·17
3	85·67	88·67	86·84	85·17	83·92	83·00	82·42	83·50	85·84	84·92	88·67	85·17
4	85·67	88·67	86·67	85·09	83·84	83·00	82·42	83·50	85·75	84·92	88·67	85·17
5	85·67	88·59	86·59	85·09	83·84	83·00	82·42	83·50	85·75	84·92	88·17	85·17
6	85·67	88·50	86·50	85·00	83·75	83·00	82·50	83·59	85·75	85·67	88·17	85·42
7	85·67	88·42	86·42	85·00	83·67	83·00	82·50	83·67	85·75	86·67	88·17	85·67
8	85·67	88·34	86·34	84·92	83·59	82·92	82·50	83·67	85·75	87·67	88·17	85·92
9	85·67	88·25	86·25	84·84	83·50	82·92	82·50	83·92	85·75	87·67	88·17	86·17
10	85·67	88·17	86·17	84·75	83·50	82·92	82·59	84·17	85·75	87·67	87·17	85·17
11	85·67	88·00	86·09	84·67	83·42	82·84	82·67	84·17	85·75	84·67	86·17	84·17
12	85·67	87·84	86·00	84·67	83·42	82·84	82·84	84·17	85·75	84·67	85·17	84·17
13	85·67	87·75	85·92	84·67	83·34	82·75	82·84	84·09	85·75	84·67	85·17	84·17
14	85·67	87·67	85·84	84·67	83·34	82·75	82·84	84·09	85·75	84·67	85·17	84·42
15	85·67	87·59	85·75	84·59	83·42	82·67	82·84	84·09	85·67	85·17	85·17	84·67
16	85·67	87·50	85·67	84·59	83·42	82·59	83·00	84·09	85·59	85·67	85·17	84·67
17	85·67	87·42	85·59	84·59	83·50	82·59	83·09	84·09	85·50	86·17	85·17	84·67
18	85·67	87·34	85·59	84·50	83·50	82·59	83·17	84·34	85·17	86·17	85·17	84·67
19	86·17	87·17	85·50	84·50	83·59	82·50	83·25	84·42	85·17	85·17	85·17	84·67
20	86·67	87·34	85·50	84·42	83·59	82·50	83·34	84·42	85·09	85·17	85·17	84·67
21	86·92	87·42	85·50	84·42	83·59	82·42	83·42	84·50	85·00	85·17	85·17	84·67
22	87·17	87·50	85·42	84·34	83·50	82·42	83·42	84·50	84·92	85·17	85·17	84·67
23	87·42	87·59	85·42	84·34	83·42	82·42	83·50	84·67	84·92	85·67	85·17	84·67
24	87·67	87·59	85·42	84·25	83·34	82·34	83·50	84·84	84·92	86·17	85·17	84·67
25	88·92	87·59	85·42	84·25	83·25	82·34	83·59	85·00	84·92	86·17	85·17	84·67
26	88·17	87·59	85·34	84·17	83·17	82·25	83·59	85·17	84·92	86·67	85·17	84·67
27	88·34	87·59	85·34	84·17	83·17	82·25	83·59	85·34	84·92	87·67	85·17	84·67
28	88·50	87·50	85·25	84·17	83·17	82·25	83·50	85·50	84·92	87·67	85·17	84·67
29	88·67	87·42	85·25	84·17	83·17	82·25	83·42	85·59	84·92	87·67	.....	84·67
30	88·92	87·34	85·17	84·09	83·09	82·25	83·42	85·67	84·92	88·17	.....	84·67
31	.....	87·25	.....	84·00	83·00	.....	83·42	.....	84·92	88·17	.....	84·67

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1878–79.

TABLE No. 370.

1	84·17	87·34	87·50	85·59	83·67	83·25	84·75	88·92	87·50	90·67	91·67	95·67
2	83·92	87·34	87·50	85·59	83·67	83·17	84·75	88·84	87·34	90·92	91·67	95·67
3	83·92	87·42	87·42	85·59	83·67	83·17	84·75	88·75	87·67	91·17	91·67	95·67
4	83·92	87·59	87·34	85·59	83·59	83·17	84·75	88·67	87·67	91·42	91·17	95·67
5	84·17	87·67	87·25	85·50	83·50	83·09	84·75	88·59	87·67	91·42	91·17	94·67
6	84·34	87·84	87·17	85·42	83·50	83·09	84·75	88·42	87·67	91·67	90·17	94·67
7	84·50	88·00	87·09	85·34	83·50	83·00	84·75	88·34	87·42	91·67	90·17	94·67
8	84·67	88·17	86·92	85·17	83·50	82·92	84·75	88·17	87·17	91·67	90·17	94·67
9	84·84	88·42	86·84	85·09	83·59	82·84	84·75	88·00	87·17	90·67	90·67	94·67
10	85·00	88·67	86·75	85·00	83·67	82·75	84·67	87·84	87·17	90·67	91·17	91·17
11	85·34	88·84	86·67	84·92	83·67	82·75	84·67	87·67	87·92	90·17	91·17	88·17
12	85·67	88·84	86·59	84·84	83·67	82·75	84·59	87·59	87·92	90·17	91·17	87·17
13	85·92	88·75	86·50	84·75	83·67	82·75	84·67	87·42	87·92	90·67	91·17	86·17
14	86·17	88·67	86·42	84·67	83 75	82·75	84·84	87·34	87·92	91·17	91·17	86·17
15	86·42	88·59	86·34	84·67	83·75	82·75	85·00	87·25	87·92	91·67	91·67	86·17
16	86·59	88·50	86·25	84·67	83·84	82·84	85·17	87·25	87·92	91·67	91·67	86·17
17	86·75	88·42	86·17	84·59	83·84	82·84	85·42	87·09	87·92	91·92	92·17	87·17
18	86·84	88·34	86·09	84·59	83·92	82·92	85·67	87·00	87·92	92·17	92·67	87·17
19	86·92	88·25	86·00	84·50	84·00	83·17	85·92	86·92	88·17	92·17	93·17	87·17
20	87·00	88·17	85·92	84·42	84·00	83·59	86·00	86·84	87·67	92·17	93·67	86·67
21	87.00	88·17	85·84	84·34	83·92	84·00	86·09	86·75	87·67	92·17	94·17	86·17
22	87·00	88·09	85·75	84·25	83·92	84·34	86·17	86·67	87·92	91·67	94·67	85·17
23	86·92	88·00	85·75	84·17	83·84	84·67	86·42	87·00	88·17	91·67	94·67	85·17
24	86·92	87·92	85·67	84·09	83·75	84·67	86·59	87·34	88·17	91·17	95·17	85·17
25	86·92	87·92	85·59	84·09	83.67	84·84	86·84	87·42	88·67	91·67	95·17	85·17
26	86·92	87·92	85·59	84·00	83·50	84·84	87·25	87·42	89·17	92·17	95·42	85·17
27	87·00	87·84	85·59	83·92	83·50	84·75	87·59	87·50	88·67	92·17	95·67	85·17
28	87·09	87·84	85·50	83·92	83·42	84·75	88·17	87·59	88·67	91·67	95·67	84·67
29	87·09	87·75	85·50	83·84	83·34	84·75	88·34	87·67	89·67	91·67	.....	84·17
30	87·17	87·67	85·50	83·75	83·34	84·75	88·59	87·67	90·17	91·67	.....	84·17
31	.....	87·59	.....	83·66	83·25	.....	88·84	.....	90·17	91·67	.....	84·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1879–80.

TABLE No.. 371.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	84·17	90·42	92·17	87·34	85·59	83·34	83·42	82·34	82·75	.....	86·17	87·67
2	84·17	90·67	91·92	87·17	85·50	83·34	83·42	82·34	82·84	.....	87·17	87·67
3	84·17	91·67	91·67	87·00	85·42	83·34	83·34	82·34	82·92	.....	87·67	87·67
4	84·17	91·92	91·50	86·84	85·34	83·34	83·34	82·25	83·00	.....	88·17	87·17
5	84·17	92·17	91·42	86·67	85·25	83·34	83·25	82·25	83·00	.....	88·17	87·17
6	84·17	92·59	91·17	86·50	85·09	83·34	83·25	82·25	83·17	.....	88·17	87 17
7	84·17	92·67	90·92	86·34	84·92	83·25	83·25	82·25	83·50	.....	88·17	86·67
8	84·17	92·84	90·67	86·25	84·75	83·25	83·17	82·17	83·84	.....	88·67	87·17
9	84·17	92·84	90·42	86·25	84·59	83·25	83·09	82·17	84·17	.....	89·67	87·67
10	84·17	92·84	90·17	86·25	84·50	83·25	83·00	82·17	84·42	.....	90·67	88·17
11	84·17	92·92	90·00	86·17	84·42	83·25	82·92	82·17	84·67	.....	91·17	88·17
12	84·67	93·09	89·84	86·17	84·34	83·25	82·84	82·17	84·92	.....	90·67	89·17
13	85·17	93·25	89·67	86·17	84·25	83·25	82·84	82·17	85·17	.....	90·17	89·17
14	85·67	93·42	89·50	86·09	84·17	83·34	82·84	82·17	85·42	.....	89·17	89·17
15	86·17	93·59	89·34	86·09	84·09	83·42	82·84	82·42	85·67	.....	89·17	87·17
16	86·67	94·00	89·25	86·00	84·00	83·42	82·84	82·50	85·84	.....	88·17	87·17
17	86·92	94·92	89·17	86·00	83·92	83·50	82·84	82·59	86 00	.....	88·17	86·67
18	87·17	95·42	89·09	85·92	83·92	83·50	82·84	82·67	86·17	.....	87·17	86·17
19	87·42	95·67	89·00	85·92	83·84	83·59	82·75	82·75	86·67	.....	87·17	86·17
20	87·50	95·92	88·92	85·92	83·75	83·67	82·75	82·84	87·17	.....	88·17	86·17
21	87·59	96·17	88·84	85·92	83·67	83·67	82·75	82·92	88·17	.....	88·17	86·17
22	87·67	96·17	88·75	85·92	83·67	83·67	82·75	82·92	88·17	.....	88·17	86·17
23	87·92	95·92	88·67	85·92	83·67	83·67	82·67	82·92	88·17	.....	88·17	86·17
24	88·17	95·67	88·50	85·84	83·67	83·67	82·67	82·92	88·67	.....	88·17	86 17
25	88 42	95·34	88·34	85·75	83·59	83·67	82·67	82·84	89·17	.....	88·17	86·17
26	88·67	94·92	88·17	85·67	83·59	83·59	82·59	82·84	89·17	.....	87·17	86·17
27	88·92	94·42	87·92	85·67	83·50	83·59	82·59	82·84	89·67	.....	87·17	86·17
28	89·17	94·00	87·75	85·67	83·50	83·59	82·50	82·84	90·17	.....	87·17	86·17
29	89·67	93·59	87·59	85·67	83·50	83·50	82·50	82·75	90·67	.....	87·17	86·17
30	90·17	93·17	87·42	85·67	83·42	83·50	82·42	82·75	91·17	.....	.....	86·17
31	.....	92·67	.....	85·67	83·34	.....	82·42	.....	91·17	.....	.....	86·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1880–81.

TABLE No. 372.

1	86·67	91·67	94·34	88·25	85·50	83·59	83·00	84·42	87·17	89·17	95·67	96·17
2	87·67	91·67	94·17	88·00	85·50	83·50	83·00	84·42	86·67	89·67	95·67	96·67
3	88·67	91·67	93·92	87·92	85·42	83·59	83·17	84·42	86·67	89·67	95·67	97·17
4	88·67	91·75	93·67	87·84	85·42	83·50	83·25	84·50	86·84	89·67	95·17	97·17
5	88·67	91·84	93·42	87·67	85·34	83·50	83·34	84·50	86·84	90·17	95·17	94·17
6	88·67	91·92	93·17	87·59	85·25	83·42	83·50	84·59	86·84	90·17	95·17	93·17
7	88·67	92·17	92·92	87·42	85·17	83·42	83·67	84·75	87·00	90·17	95·17	91·17
8	88·67	92·42	92·92	87·25	85·17	83·42	83·75	84·92	87·09	90·67	95·17	91·17
9	88·67	92·67	92·59	87·00	85·09	83·34	83·75	85·00	87·50	91·17	95·17	89·17
10	88·67	93·17	92·50	86·92	85·00	83·34	83·75	85·17	87·67	91·67	94·17	88·17
11	88·67	93·67	92·42	86·84	84·92	83·34	83·84	85·50	88·17	92·17	93·17	86·17
12	88·67	94·17	92·34	86·67	84·84	83·34	83·84	85·84	88·17	92·67	93·17	86·17
13	88·67	94·67	92·25	86·59	84·75	83·25	83·84	86·34	88·17	93·17	93·17	86·17
14	88·67	94·84	92·00	86·50	84·67	83·25	83·92	87·17	88·17	93·67	93·67	85·67
15	88·67	94·92	91·84	86·34	84·59	83·25	84·00	88·00	87·67	94·17	94·17	85·17
16	88·67	95·09	91·50	86·34	84·50	83·25	84·00	88·09	87·67	94·67	94·67	85·17
17	88·67	95·25	91·17	6·00	84·42	83·25	84·17	88·17	87·17	93·17	94·92	85·17
18	88·67	95·42	90·92	85·84	84·34	83·25	84·25	88·17	87·17	93·17	95·17	85·17
19	88·67	95·42	90·67	85·67	84·17	83·17	84·25	88·17	87 17	93·67	95·17	85·17
20	88·92	95·42	90·42	85·50	84·00	83·17	84·25	88·17	87·17	94·17	95·42	85·17
21	89·17	95·34	91·17	85·50	83·84	83·17	84·25	88·17	87·17	94·67	95·67	85·17
22	89·67	95·17	89·92	85·50	83·75	83·17	84·25	88·17	87·17	95·17	95·92	85·17
23	89·92	94·92	89·67	85·50	83·75	83·09	84·34	88·09	87·17	95·42	95·92	85·67
24	90·42	94·67	89·42	85·50	83·67	83·09	84 34	88·09	87·17	95·67	96·17	86·17
25	90·67	94·67	89·17	85·50	83·67	83·09	84·34	88·00	87·17	95·67	96·67	86·67
26	90·92	94·59	89·0	85·59	83·59	83·00	84·34	87·84	87·17	94·17	96·92	86·67
27	90·92	94·59	88·84	85·67	83·59	83·00	84·34	87·67	87·17	94·17	97·17	86·67
28	91·17	94·50	88·67	85·67	83·59	83·00	84·34	87·50	87·67	94·67	97·17	86·67
29	91·42	94·50	88·50	85·67	83·50	83·00	84·34	87·34	88·17	94·92	..	86·67
30	91·67	94·42	88·42	85·59	83·50	83·00	84·42	87·34	88·67	95·17		86·67
31	.....	94·42	.. .	85·59	83·50	.....	84·50	...	89·17	95·17	.....	86·67

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1881–82.

TABLE No. 373.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86·17	88·67	91·59	85·50	83·59	82·17	.....	82·84	84·84	85·67	89·67	87·67
2	86·17	89·17	91·25	85·50	83·59	82·09	.....	82·75	84·84	86·67	89·67	87·17
3	85·67	89·67	90·92	85·42	83·50	82·09	.....	82·84	84·84	87·92	89·92	87·67
4	85·17	90·17	90·67	85·34	83·50	82·09	.....	82·84	84·84	89·17	90·17	88·17
5	84·92	90·34	90·42	85·25	83·42	82·09	.....	82·84	85·00	88·67	90·17	88·67
6	84·67	90·50	90·17	85·17	83·42	82·09	.....	82·92	85·17	88·17	90·17	89·17
7	84·17	90·67	89·92	85·09	83·34	82·09	.....	83·00	85·50	88·17	90·42	88·67
8	84·17	90·67	89·67	84·92	83·34	82·09	.....	83·17	85·84	85·17	90·42	88·17
9	84·17	90·59	89·42	84·75	83·25	81·92	.....	83·34	85·84	85·17	90·42	88·17
10	84·17	90·50	89·17	84·67	83·25	81·59	.....	84·67	85·67	85·17	90·17	87·67
11	84·17	90·67	88·92	84·59	83·17	81·84	.....	84·67	85·67	86·17	90·17	87·67
12	84·17	91·17	88·67	84·59	83·17	81·84	.....	84·75	85·92	86·17	90·17	87·67
13	84·17	91·42	88·42	84·59	83·09	81·75	.....	84·84	85·92	86·17	89·17	87·67
14	84·17	91·67	88·17	84·50	83·09	81·75	.....	84·92	86·17	86·17	86·17	87·67
15	84·17	92·00	87·92	84·42	83·00	81·59	.....	84·75	86·67	86·17	86·17	87·67
16	84·17	92·42	87·67	84·34	83·00	81·59	.....	84·84	87·17	86·17	86·17	87·67
17	84·17	92·92	87·42	84·25	82·92	81·67	.....	84·84	87·67	86·17	86·17	87·67
18	84·25	93·67	87·17	84·17	82·92	81·67	.....	85·00	85·67	86·67	86·17	87·67
19	84·34	94·17	87·00	84·09	82·84	81·67	.....	85·00	85·67	86·67	86·17	87·67
20	84·42	94·17	86·84	84·00	82·75	81·59	.....	85·09	85·67	86·17	87·17	87·67
21	84·50	94·17	86·67	83·92	82·75	81·59	.....	85·17	85·17	86·17	87·17	87·92
22	84·59	94·17	86·50	83·84	82·67	81·50	.....	85·09	85·17	86·17	87·67	87·92
23	84·67	93·84	86·34	83·75	82·67	81·50	.....	85·00	85·17	86·67	87·67	88·17
24	84·75	93·34	86·17	83·67	82·59	81·42	.....	84·92	85·17	87·17	87·67	87·92
25	84·84	92·84	86·00	83·59	82·50	81·50	.....	84·92	85·17	88·17	88·17	87·92
26	85·17	92·75	85·84	83·59	82·50	81·59	.....	84·84	85·17	88·67	88·17	87·67
27	85·84	92·67	85·67	83·67	82·42	81·42	.....	84·84	85·17	88·67	88·17	87·67
28	86·67	92·59	85·67	83·67	82·34	81·42	.....	84·84	85·17	89·17	88·17	87·67
29	87·42	92·50	85·59	83·67	82·34	81·42	.....	84·84	85·17	89·17	.....	87·92
30	88·17	92·50	85·59	83·67	82·25	81·42	.....	84·84	85·17	89·67	.....	88·17
31	.....	92·42	.....	83·67	82·17	.....	.....	.....	85·17	89·67	.....	88·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1882–83.

TABLE No. 374

1	88·17	90·92	95·50	92·67	88·92	88·09	88·34	86·67	87·25	86·92	91·17	97·17
2	88·17	91·00	95·50	92·50	88·75	88·00	88·09	86·59	87·17	87·34	91·67	96·17
3	88·17	91·09	95·42	92·34	88·59	87·92	87·92	86·59	87·17	88·17	92·34	91·17
4	88·17	91·17	95·25	92·17	88·42	87·84	87·75	86·59	87·17	88·42	92·50	91·84
5	88·17	91·25	95·42	92·09	88·25	87·84	87·67	86·59	87·42	88·67	92·67	92·67
6	88·17	91·34	95·34	92·00	88·17	87·84	87·59	86·50	87·67	88·34	93·34	94·00
7	88·42	91·42	95·25	91·92	88·09	87·75	87·42	86·50	87·92	88·17	92·50	94·92
8	88·42	91·42	95·17	91·84	88·00	87·75	87·34	86·50	88·17	87·67	92·84	95·17
9	88·42	91·42	95·00	91·75	87·92	87·67	87·17	86·50	88·42	87·17	93·17	96·17
10	88·42	91·50	94·84	91·67	87·84	87·59	87·00	86·50	88·67	87·42	93·59	95·92
11	88·42	91·59	94·67	91·50	87·75	87·59	86·92	86·50	88·92	87·92	94·00	95·17
12	88·42	91·92	94·50	91·34	87·67	87·50	86·92	86·50	89·17	87·50	94·34	94·92
13	88·50	92·17	94·25	91·09	87·59	87·42	86·84	87·00	89·25	86·67	94·42	94·67
14	88·59	92·42	94·00	90·84	87·59	87·17	86·84	87·25	88·92	86·17	94·42	94·50
15	88·67	92·67	93·75	90·67	87·50	87·34	86·75	87·42	88·67	86·42	94·17	94·50
16	88·67	92·92	93·67	90·50	87·50	87·25	86·75	87·67	88·67	86·84	93·92	94·17
17	88·75	93·17	93·59	90·34	87·67	87·17	86·67	87·92	88·84	87·67	93·84	94·00
18	88·84	93·34	93·50	90·17	88·00	87·09	86·67	88·17	89·00	88·34	94·00	94·17
19	89·25	93·50	93·59	90·09	88·50	87·17	86·59	88·42	89·17	88·84	94·25	94·59
20	89·75	93·67	93·84	89·92	88·67	87·25	86·59	88·42	89·42	89·67	94·75	93·17
21	90·17	93·84	93·92	89·67	88·67	87·25	86·59	88·25	89·42	90·17	95·00	93·75
22	90·67	94·00	93·92	89·42	88·67	87·34	86·50	88·00	89·17	90·92	95·17	92·17
23	90·75	94·17	93·92	89·34	88·67	87·50	86·50	87·92	88·67	91·17	95·42	91·92
24	90·75	94·34	93·84	89·25	88·67	87·67	86·59	87·84	88·17	91·17	95·92	91·84
25	90·75	94·50	93·67	89·09	88·59	87·84	86·59	87·75	87·17	90·67	95·84	91·59
26	90·84	94·67	93·50	89·00	88·50	88·00	86·50	87·67	86·67	90·42	96·17	91·17
27	90·84	95·00	93·34	88·92	88·42	88·17	86·50	87·59	86·67	90·59	96·42	90·92
28	90·84	95·17	93·17	88·92	88·34	88·25	86·50	87·42	86·67	90·84	96·67	90·67
29	90·92	95·34	93·00	89·09	88·25	88·34	86·50	87·34	86·67	90·84	.....	90·17
30	90·92	95·42	92·84	89·09	88·17	88·42	86·50	87·34	86·17	90·84	.....	90·17
31	.....	95·50	.....	89·09	88·09	.....	86·50	.....	86·17	90·84	.....	90·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1883–84.

TABLE No. 375.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	88·17	90·59	93·84	93·00	89·34	85·84	85·25	86·59	90·34	91·67	95·67	95·17
2	87·67	90·34	93·84	93·17	89·17	85·75	85·42	86·67	90·17	91·67	95·67	95·42
3	87·17	90·25	93·84	93·42	89·09	85·67	85·59	86·75	89·92	91·92	95·67	95·67
4	86·92	90·00	93·84	93·42	88·92	85·59	85·67	87·00	89·75	92·67	95·67	96·17
5	86·67	90·17	93·75	93·34	88·75	85·50	85·67	87·25	89·17	93·17	95·67	96·67
6	85·67	90·42	93·59	93·17	88·59	85·42	85·59	87·59	89·17	93·67	95·84	96·67
7	85·92	90·67	93·42	93·00	88·50	85·34	85·50	87·67	89·17	93·92	96·00	97·17
8	86·17	90·84	93·34	92·84	88·42	85·42	85·34	87·75	89·17	94·09	96·17	97·17
9	86·67	91·17	93·09	92·59	88·34	85·59	85·25	87·92	89·17	94·17	96·17	96·17
19	87·17	91·50	93·00	92·34	88·25	85·67	85·25	88·17	89·17	94·34	96·17	94·17
11	87·92	91·84	93·00	91·92	88·17	85·67	85·25	88·50	89·17	93·67	96·17	93·17
12	89·50	92·00	93·00	91·75	88·09	85·67	85·34	88·84	89·67	93·67	96·17	93·17
13	90·00	92·17	93·00	91·59	87·92	85·67	85·34	88·84	89·67	93·92	95·17	93·17
14	90·67	92·25	93·00	91·50	87·75	85·59	85·42	88·67	89·67	94·17	95·17	93·17
15	91·42	92·34	93·00	91·42	87·59	85·59	85·50	88·67	89·67	94·67	95·17	93·17
16	92·42	92·50	93·09	91·34	87·50	85·50	85·59	88·50	90·17	94·92	95·17	92·17
17	92·42	92·50	93·17	91·42	87·42	85·50	85·75	88·42	90·17	95·17	94·67	92·17
18	92·34	92·42	93·34	91·50	87·34	85·42	86·00	88·34	90·17	95·17	94·17	92·17
19	92·25	92·42	93·34	91·59	87·17	85·34	86·17	88·34	90·50	95·17	93·17	92·17
20	92·17	92·34	93·34	91·59	87·00	85·34	86·34	88·25	90·84	95·42	93·17	92·17
21	92·09	92·34	93·25	91·59	86·92	85·34	86·42	88·25	91·17	95·42	93·17	91·17
22	92·09	92·34	93·17	91·42	86·84	85·34	86·42	88·34	91·67	95·17	93·17	91·17
23	92·00	92·67	93·09	91·34	86·75	85·34	86·34	88·50	91·67	95·17	93·67	91·17
24	92·00	93·00	93·00	91·17	86·67	85·25	86·34	88·67	92·17	95·42	94·17	91·17
25	91·84	93·34	92·92	90·75	86·59	85·25	86·25	88·92	92·42	95·42	94·67	91·67
26	91·50	93·42	92·84	90·67	86·59	85·25	86·17	89·42	92·67	95·17	94·67	92·17
27	91·34	93·59	92·84	90·42	86·42	85·25	86·17	89·67	91·67	95·17	94·67	92·67
28	91·17	93·59	92·84	90·25	86·25	85·17	86·17	90·00	91·17	95·42	94·67	93·67
29	91·00	93·67	92·84	90·09	86·09	85·17	86·17	90·17	91·67	95·67	94·67	94·17
30	90·81	93·67	92·84	89·92	86·00	85·17	86·25	90·34	91·67	95·67	.....	94·42
31	.....	93·75	.....	89·75	85·92	.....	86·42	.....	91·17	95·67	.....	94·67

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1884–85.

TABLE No. 376.

1	94·17	95·50	95·34	90·00	88·50	86·75	86·50	89·09	88·67	90·67	.....	95·17
2	93·67	95·67	95·17	89·84	88·59	86·67	86·59	89·17	88·67	92·17	.....	94·17
3	93·17	95·92	95·00	89·67	88·67	86·59	86·59	89·17	88·59	94·17	.....	93·17
4	93·17	96·17	94·75	89·59	88·67	86·59	86·67	89·00	88·59	94·17	.....	93·17
5	93·17	96·50	94·42	89·50	89·09	86·59	86·67	89·25	88·59	93·17	.....	93·17
6	93·17	96·67	94·17	89·42	89·17	86·50	86·75	89·17	88·50	93·17	.....	93·17
7	93·17	96·84	93·92	89·34	89·25	86·50	86·84	89·09	89·17	92·17	.....	93·17
8	92·92	97·00	93·67	89·25	89·25	86·59	86·81	89·00	90·92	92·17	.....	93·67
9	92·67	97·17	93·50	89·09	89·25	86·50	86·92	89·00	90·92	92·17	.....	93·67
10	92·42	97·34	93·34	88·92	89·17	86·50	86·92	88·92	90·67	92·17	.....	94·17
11	92·17	97·50	93·17	88·75	89·09	86·50	86·92	88·92	90·42	92·17	.....	94·67
12	92·17	97·67	93·09	88·67	89·00	86·59	87·00	88·84	90·17	92·17	.....	94·67
13	92·17	97·67	93·00	88·59	88·92	86·42	87·09	88·84	90·17	92·17	.....	95·17
14	92·67	97·67	92·84	88·50	88·84	86·34	87·17	88·75	90·17	92·17	.....	95·17
15	92·92	97·67	92·67	88·42	88·67	86·25	87·17	88·67	90·59	92·17	.....	95·67
16	92·92	97·59	92·59	88·34	88·50	86·25	87·25	88·67	90·92	92·67	.....	95·67
17	93·17	97·59	92·34	88·25	88·34	86·17	87·25	88·59	91·00	93·17	.....	95·67
18	93·67	97·50	92·17	88·25	88·09	86·17	87·34	88·59	91·17	93·42	.....	95·67
19	93·84	97·50	92·00	88·17	88·00	86·09	87·34	88·50	91·67	93·67	.....	95·67
20	94·00	97·42	91·84	88·17	87·84	86·09	87·34	88·50	91·92	93·92	.....	96·17
21	94·67	97·42	91·59	88·17	87·67	86·09	87·42	88·42	92·42	94·17	.....	96·17
22	94·34	97·34	91·42	88·09	87·59	86·09	87·42	88·42	92·92	94·42	.....	96·17
23	94·50	97·25	91·25	88·00	87·42	86·09	87·42	88·42	93·67	94·67	.....	96·17
24	94·67	97·00	91·17	88·00	87·34	86·09	87·42	88·67	94·17	94·67	.....	96·17
25	94·84	96·84	91·00	87·92	87·25	86·17	87·59	88·67	94·67	94·67	.....	95·17
26	94·92	96·67	90·84	87·84	87·17	86·17	87·92	88·67	94·92	94·67	.....	94·17
27	95·00	96·42	90·67	87·84	87·09	86·17	88·25	88·67	95·92	94·67	.....	94·17
28	95·17	96·42	90·50	87·92	87·00	86·34	88·67	88·67	95·92	94·67	.....	93·17
29	95·17	96·17	90·34	88·00	87·00	86·50	88·92	88·67	92·92	94·67	.....	93·17
30	95·17	95·92	90·17	88·00	87·00	86·59	89·09	88·67	90·17	94·67	.....	93·17
31	.....	95·67	.....	88·00	87·00	.....	89·25	.....	90·17	94·67	.....	93·17

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1885–86.

TABLE No. 377.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	93·17	98·42	96·34	92·59	89·84	87·92	86·92	86·67	87·67	87·17	96·17	94·67
2	93·17	97·17	96·17	92·42	89·67	87·92	86·92	86·84	87·67	86·67	96·17	96·17
3	93·17	96·92	96·00	92·34	89·50	87·84	86·84	86·92	87·67	86·17	96·17	96·17
4	93·17	96·67	95·84	92·25	89·50	87·75	86·84	87·00	87·67	86·17	96·17	96·67
5	93·17	96·17	95·67	92·17	89·34	87·67	86·75	87·09	88·17	87·17	96·17	96·67
6	92·17	95·42	95·42	92·00	89·17	87·59	86·75	87·17	88·17	88·17	96·17	96·67
7	91·17	95·17	95·17	92·00	89·00	87·50	86·67	87·34	88·17	90·17	96·17	95·67
8	90·17	95·42	95·00	91·92	89·00	87·42	86·67	87·50	88·17	92·17	93·17	93·17
9	90·17	95·67	94·84	91·92	88·92	87·34	86·59	87·75	88·67	93·17	93·17	93·17
10	99·17	96·17	94·67	91·92	88·84	87·34	86·34	87·92	88·67	94·17	93·17	92·17
11	90·17	96·42	94·42	91·84	88·75	87·34	86·17	88·00	88·67	94·17	92·17	91·17
12	90·17	96·67	94·17	91·75	88·67	87·34	86·17	88·00	89·17	95·17	90·17	91·17
13	90·17	96·92	93·92	91·67	88·59	87·34	86·00	87·92	89·67	95·17	90·17	91·17
14	90·42	97·09	93·67	91·59	88·59	87·34	86·00	87·84	89·67	95·17	90·17	91·17
15	90·67	97·17	93·42	91·59	88·59	87·34	86·17	87·84	90·17	95·17	90·17	89·17
16	91·17	97·17	93·25	91·59	88·59	87·25	86·34	87·84	90·17	95·17	90·17	89·17
17	92·17	97·17	93·09	91·50	88·50	87·25	86·34	87·84	90·17	95·17	90·17	89·17
18	93·17	97·17	93·00	91·42	88·59	87·25	86·34	87·75	89·67	95·17	90·17	89·17
19	94·17	97·17	92·92	91·34	88·59	87·17	86·34	87·75	89·67	95·17	90·17	88·17
20	95·17	97·17	92·92	91·25	88·42	87·17	86·34	87·75	89·67	95·17	90·17	88·17
21	96·17	97·17	92·92	91·17	88·34	87·17	86·50	87·75	89·67	95·17	91·67	88·17
22	97·42	97·17	93·00	91·09	88·17	87·34	86·67	87·75	89·17	95·17	92·17	87·17
23	98·42	97·17	93·17	91·00	88·17	87·34	86·84	87·75	89·17	95·17	92·17	87·17
24	99·42	97·17	93·17	90·84	88·17	87·17	86·84	87·67	89·17	95·17	92·17	87·17
25	98·84	97·09	93·09	99·67	88·09	87·17	86·75	87·67	89·17	95·17	92·17	87·17
26	98·42	97·00	93·00	90·50	88·09	87·17	86·67	87·67	89·17	95·67	92·67	86·17
27	98·42	96·84	93·00	90·42	88·00	87·17	86·67	87·67	89·17	95·67	93·17	86·17
28	98·42	96·67	92·92	90·34	88·00	87·09	86·59	87·59	89·17	96·17	93·17	86·17
29	99·67	96·50	92·92	99·25	88·00	87·00	86·50	87·59	89·17	96·17	.....	86·17
30	99·17	96·34	92·92	99·17	87·92	87·00	86·50	87·59	89·17	96·17	.....	86·17
31	.....	96·17	.....	99·00	87·92	.....	86·50	.....	89·17	96·17	.....	86·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1886–87.

TABLE No. 378.

1	86·17	98·84	92·34	90·09	88·75	86·75	87·00	87·84	87·59	90·17	95·67	97·17
2	86·67	98·67	92·17	90·00	88·67	86·84	87·17	87·75	87·59	90·17	96·17	97·67
3	87·17	98·42	92·00	89·92	88·67	86·84	87·25	87·67	87·59	90·17	96·42	97·92
4	87·67	98·17	91·92	89·84	88·67	86·84	87·25	87·59	87·67	90·42	96·67	98·17
5	88·17	97·92	91·84	89·75	88·59	86·75	87·17	87·50	87·67	90·42	97·00	98·67
6	88·67	97·67	91·75	89·67	88·50	86·75	87·17	87·42	87·67	90·42	97·17	99·17
7	89·17	97·42	91·67	89·59	88·42	86·75	87·09	87·34	87·67	90·67	97·17	99·17
8	89·67	97·17	91·59	89·50	88·34	86·75	87·09	87·25	87·67	90·67	92·17	99·17
9	90·17	96·92	91·50	89·42	88·17	86·75	87·09	87·25	87·92	90·67	92·17	99·17
10	90·67	96·67	91·42	89·34	88·00	86·67	87·09	87·25	87·92	90·67	92·17	99·17
11	91·17	96·42	91·34	89·34	87·84	86·67	87·09	87·25	88·17	90·67	92·17	98·92
12	91·67	96·17	91·25	89·17	87·75	86·67	87·09	87·25	88·17	90·67	93·17	98·67
13	92·17	95·92	91·25	89·09	87·75	86·67	87·09	87·09	88·17	90·92	93·67	98·67
14	92·67	95·67	91·25	88·67	87·67	86·67	87·09	87·00	88·17	90·92	94·17	98·17
15	93·17	95·42	91·25	88·92	87·67	86·42	87·25	87·00	88·17	91·17	94·67	98·17
16	93·67	95·17	91·34	89·09	87·59	86·42	87·25	87·00	88·17	91·17	94·67	97·67
17	94·67	95·00	91·42	89·09	87·59	86·59	87·25	87·09	88·17	91·17	94·92	97·67
18	96·17	94·84	91·50	89·09	87·50	86·59	87·25	87·17	88·67	91·67	95·17	96·17
19	98·17	94·67	91·50	89·09	87·42	86·59	87·25	87·17	88·92	91·67	95·67	96·17
20	97·67	94·42	91·42	89·09	87·34	86·59	87·34	87·25	89·17	91·67	95·67	92·17
21	97·17	94·17	91·34	89·09	87·25	86·59	87·42	87·34	89·17	92·17	95·92	92·17
22	97·84	93·84	91·25	89·09	87·17	86·59	87·50	87·42	89·17	92·17	96·17	92·17
23	98·42	93·50	91·17	89·00	87·00	86·59	87·59	87·50	89·17	92·42	96·17	92·17
24	98·67	93·17	91·09	89·00	86·92	86·67	87·67	87·50	89·17	92·67	96·42	92·17
25	98·92	93·00	90·92	89·00	86·92	86·67	87·75	87·50	89·67	92·92	96·67	92·67
26	99·17	92·84	90·84	89·00	86·84	86·75	87·75	87·50	90·00	93·17	96·92	92·92
27	99·17	92·84	90·67	88·92	86·84	86·67	87·84	87·50	90·17	93·67	97·17	93·17
28	99·17	92·67	90·50	88·92	86·75	86·75	87·84	87·50	90·17	94·17	97·17	93·17
29	99·17	92·59	90·34	88·84	86·75	86·75	87·92	87·50	90·17	94·67	.....	93·17
30	99·17	92·59	90·17	88·84	86·67	86·84	87·92	87·50	90·17	94·67	.....	93·67
31	.....	92·50	.....	88·75	86·67	.....	87·92	.....	90·17	94·67	.....	93·67

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1887–88.

TABLE No. 379.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	96·67	94·17	89·00	87·17	85·34	84·42	84·67	84·75	88·17	92·17	92·17
2	.....	96·84	94·00	88·92	87·00	85·34	84·42	84·67	85·00	88·17	92·42	92·17
3	.....	97·00	93·92	88·84	86·84	85·34	84·42	84·67	85·09	88·17	92·67	92·17
4	.....	97·17	93·84	88·75	86·75	85·25	84·42	84·67	85·17	88·17	92·92	92·67
5	.....	97·42	93·67	88·67	86·67	85·25	84·42	84·67	85·25	88·42	92·92	92·92
6	.....	97·92	93·42	88·59	86·67	85·25	84·42	84·67	85·34	88·67	92·92	92·92
7	.....	98·42	93·17	88·50	86·67	85·17	84·42	84·67	85·50	88·92	92·92	92·92
8	.....	98·92	93·00	88·42	86·59	85·17	84·42	84·67	85·67	88·92	92·92	92·17
9	.....	99·34	92·84	88·34	86·59	85·09	84·42	84·67	85·75	88·92	93·17	91·67
10	.....	99·67	92·75	88·34	86·59	85·09	84·42	84·67	85·84	88·92	93·67	91·67
11	.....	99·84	92·59	88·34	86·50	85·00	84·42	84·67	86·00	88·92	93·67	91·17
12	.....	99·92	92·42	88·34	86·50	85·00	84·42	84·67	86·00	89·17	94·17	90·17
13	.....	99·92	92·34	88·34	86·42	84·92	84·42	84·67	86·00	89·42	94·17	89·17
14	.....	99·92	92·17	88·34	86·34	84·92	84·42	84·67	86·00	89·67	94·17	89·17
15	.....	99·84	91·92	88·34	86·25	84·92	84·42	84·67	86·17	89·67	94·42	88·17
16	.....	99·67	91·67	88·34	86·17	84·92	84·42	84·67	86·34	89·67	94·67	88·17
17	.....	99·34	91·42	88·34	86·17	84·92	84·42	84·75	86·50	89·67	94·67	87·67
18	.....	99·00	91·17	88·34	86·09	84·84	84·50	84·75	86·50	89·67	94·67	87·67
19	.....	98·67	91·00	88·34	86·00	84·84	84·50	84·75	86·50	90·17	92·17	87·67
20	.....	98·17	90·84	88·25	85·92	84·84	84·50	84·75	86·50	90·42	92·17	87·67
21	.....	97·67	90·67	88·17	85·84	84·84	84·50	84·75	86·50	90·42	92·17	87·84
22	.....	97·17	90·50	88·09	85·75	84·75	84·50	84·75	86·67	90·42	92·67	88·00
23	.....	96·67	90·34	88·00	85·59	84·75	84·50	84·75	86·84	90·67	93·17	88·00
24	.....	96·17	90·17	87·92	85·59	84·67	84·67	84·75	86·84	90·92	93·67	88·17
25	.....	95·67	90·00	87·84	85·50	84·67	84·67	84·75	86·84	90·92	94·17	88·17
26	.....	95·17	89·84	87·75	85·50	84·59	84·50	84·75	87·00	91·17	94·67	88·17
27	.....	95·00	89·67	87·67	85·42	84·50	84·50	84·84	87·17	91·42	95·67	88·17
28	.....	94·84	89·59	87·50	85·42	84·50	84·59	84·92	87·34	91·67	92·17	88·25
29	.....	94·67	89·34	87·59	85·42	84·42	84·59	84·92	87·50	91·92	92·17	88·34
30	.....	94·50	89·17	87·42	85·34	84·42	84·59	84·92	87·67	92·17	.....	88·34
31	.....	94·34	.....	87·34	85·34	.....	84·67	.....	87·92	92·17	.....	88·42

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1888–89.

TABLE No. 380.

1	88·42	89·67	96·59	93·34	88·09	86·50	86·17	85·84	87·75	88·67	90·92	88·17
2	88·50	90·42	96·42	93·00	87·92	86·50	86·09	85·92	87·75	88·67	90·92	87·17
3	88·59	91·17	96·34	92·84	87·75	86·42	86·09	86·00	87·75	88·92	90·92	87·17
4	88·67	91·67	96·25	92·50	87·67	86·42	86·00	86·17	87·75	88·92	90·92	86·17
5	88·75	92·17	96·17	92·17	87·50	86·34	86·00	86·34	87·75	88·92	90·92	86·17
6	88·84	92·42	96·00	91·84	87·34	86·34	86·00	86·50	87·75	89·17	90·92	86·17
7	88·67	92·67	95·84	91·50	87·25	86·25	85·92	86·67	87·67	89·42	90·92	86·17
8	88·67	92·84	95·67	91·17	87·17	86·17	85·92	86·84	87·59	89·67	91·17	86·17
9	88·67	93·00	95·42	90·84	87·09	86·09	85·84	87·17	87·42	89·92	91·17	86·17
10	88·67	93·17	95·17	90·50	87·00	86·09	85·84	88·67	87·42	89·92	91·42	86·17
11	88·67	93·42	95·00	90·34	86·92	86·00	85·84	89·17	87·42	89·92	91·67	86·17
12	88·67	94·17	94·84	90·17	86·92	86·00	85·75	89·42	87·67	90·42	91·67	86·17
13	88·67	95·17	94·84	90·00	86·84	85·92	85·75	89·17	88·67	90·42	91·92	86·17
14	88·67	95·92	94·84	89·84	86·75	85·84	85·75	88·92	89·67	90·42	91·92	86·17
15	88·67	96·67	95·00	89·67	86·67	85·67	85·67	88·75	90·67	90·67	91·92	86·17
16	88·67	97·42	95·17	89·50	86·59	85·67	85·67	88·67	89·67	90·67	91·92	86·17
17	88·67	97·92	95·34	89·42	86·59	85·75	85·67	88·59	88·67	90·67	92·17	86·17
18	88·67	98·42	95·42	89·34	86·59	85·84	85·67	88·50	88·17	90·92	92·17	86·17
19	88·67	98·67	95·50	89·25	86·50	86·00	85·59	88·42	87·67	90·92	92·17	86·17
20	88·67	98·84	95·50	89·17	86·42	86·09	85·59	88·34	87·67	90·92	92·17	86·17
21	88·67	99·00	95·34	89·09	86·34	86·17	85·59	88·17	87·92	90·92	92·17	86·42
22	88·75	99·00	95·25	89·00	86·25	86·17	85·59	87·92	87·92	90·92	92·17	86·67
23	88·75	98·84	95·00	88·92	86·17	86·25	85·59	87·67	87·92	90·92	92·17	86·92
24	88·42	98·67	94·84	88·84	86·09	86·25	85·50	87·42	88·00	90·67	92·17	87·17
25	88·42	98·42	94·67	88·75	86·09	86·25	85·50	87·42	88·00	90·67	91·67	87·42
26	88·59	98·17	94·42	88·67	86·17	86·25	85·50	87·50	88·17	90·67	91·67	87·42
27	88·75	97·92	94·17	88·59	86·34	86·17	85·59	87·50	88·17	90·92	91·17	87·42
28	88·92	97·67	94·00	88·50	86·42	86·17	85·67	87·59	88·17	90·92	91·17	87·42
29	88·92	97·42	93·84	88·42	86·42	86·17	85·75	87·67	88·42	90·92	.....	87·42
30	89·00	97·09	93·67	88·34	86·42	86·17	85·75	87·75	88·67	90·92	.....	87·34
31	—....	96·75	.....	88·25	86·42	.....	85·84	.....	88·67	90·92	.....	87·34

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1889–90.

TABLE No. 381.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	87·17	94·17	91·50	93·17	89·75	87·50	85·92	85·67	.....	90·67	93·17	91·17
2	87·17	94·50	92·17	93·00	89·67	87·42	85·92	85·67	.....	90·67	93·67	90·17
3	87·17	94·67	92·84	92·92	89·59	87·34	85·92	85·67	.....	90·67	93·67	90·17
4	87·17	94·84	93·50	92·84	89·50	87·17	85·92	85·67	.....	90·67	93·67	90·17
5	87·42	94·84	94·17	92·67	89·42	87·09	85·92	85·67	.....	90·92	94·17	90·17
6	87·67	94·75	94·67	92·50	89·25	87·09	85·92	85·67	.....	91·17	94·17	89·67
7	87·92	94·59	94·92	92·25	89·09	87·00	85·92	85·67	.....	91·67	94·17	89·67
8	88·17	94·42	95·17	92·00	88·92	87·00	86·00	85·67	.....	92·17	94·17	89·17
9	88·42	94·25	95·42	91·84	88·75	86·92	86·09	85·67	.....	92·67	94·17	89·17
10	88·67	94·00	95·67	91·75	88·59	86·92	86·09	85·67	.....	93·17	92·17	89·17
11	88·67	93·84	95·67	91·67	88·42	86·84	86·09	85·67	.....	93·67	92·17	89·17
12	88·75	93·67	95·42	91·59	88·34	86·75	86·09	85·67	.....	93·92	92·17	89·17
13	88·84	93·50	94·92	91·50	88·25	86·67	86·09	85·67	.....	93·17	92·17	89·17
14	88·92	93·34	94·67	91·42	88·17	86·59	86·09	85·67	.....	93·17	92·67	89·17
15	88·92	93·17	94·50	91·34	88·17	86·50	86·09	85·67	.....	93·67	93·17	89·17
16	88·92	93·00	94·50	91·25	88·17	86·42	86·09	85·75	.....	94·17	93·67	89·17
17	88·92	92·84	94·34	91·17	88·09	86·34	86·09	85·75	.....	94·67	93·67	89·17
18	89·00	92·67	93·17	91·09	88·09	86·34	86·09	85·75	.....	95·17	93·67	89·17
19	89·17	92·50	94·00	91·00	88·00	86·34	86·00	85·75	.....	95·17	94·17	89·17
20	89·42	92·34	93·84	90·92	88·00	86·25	85·92	85·84	.....	95·67	94·17	88·67
21	89·67	92·17	93·67	90·84	88·00	86·25	85·92	86·09	.....	95·67	94·17	88·67
22	89·92	92·00	93·50	90·75	87·92	86·17	85·92	86·50	.....	95·67	94·17	88·67
23	90·17	91·75	93·42	90·67	87·92	86·17	85·84	86·67	.....	94·17	93·17	88·67
24	90·67	91·50	93·34	90·59	87·92	86·09	85·84	86·75	.....	93·17	93·17	88·17
25	91·17	91·42	93·25	90·50	87·92	86·09	85·84	86·84	.....	92·17	93·17	88·17
26	91·67	91·34	93·34	90·34	87·84	86·09	85·75	86·84	.....	92·17	93·17	88·17
27	92·17	91·34	93·42	90·17	87·75	86·00	85·75	86·84	.....	92·17	93·17	88·17
28	92·67	91·34	93·42	90·09	87·75	86·00	85·75	86·84	.....	92·67	93·17	88·17
29	93·17	91·25	93·34	90·00	87·75	85·92	85·75	86·84	.....	92·67	.....	88·17
30	93·67	91·17	93·25	89·92	87·67	85·92	85·75	86·84	.....	92·67	.....	88·17
31	.....	91·09	.....	89·84	87·59	.....	85·75	.....	.....	92·67	.....	88·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1890–91.

TABLE No. 382.

1	88·42	93·67	97·09	93·92	89·17	88·25	87·17	86·59	86·84	88·84	90·67	92·67
2	88·67	93·84	97·25	93·67	89·09	88·34	87·17	86·59	86·84	88·92	90·42	92·17
3	88·92	94·00	97·34	93·42	89·09	88·34	87·17	86·59	86·84	89·00	91·17	91·17
4	89·17	94·17	97·42	93·17	89·00	88·42	87·17	86·59	86·92	89·17	91·42	90·17
5	89·42	94·50	97·34	93·00	89·00	88·50	87·09	86·59	87·00	89·34	91·67	90·17
6	89·67	94·84	97·17	92·84	88·92	88·59	87·09	86·59	87·09	89·50	91·92	90·17
7	89·92	95·17	96·92	92·67	88·84	88·59	87·09	86·59	87·17	89·67	92·17	90·17
8	90·42	95·50	96·67	92·50	88·75	88·59	87·09	86·59	87·17	89·67	92·42	90·17
9	90·92	95·84	96·50	92·34	88·67	88·50	87·09	86·67	87·17	89·67	92·67	90·17
10	91·34	95·92	96·34	92·17	88·59	88·50	87·00	86·84	87·17	89·67	92·67	90·17
11	91·67	95·92	96·34	92·00	88·50	88·42	87·00	86·92	87·17	89·75	92·92	90·17
12	92·00	96·00	96·42	91·84	88·50	88·42	86·92	86·92	87·34	89·84	92·92	90·17
13	92·50	96·00	96·50	91·67	88·42	88·42	86·84	86·84	87·50	90·00	93·17	90·17
14	93·00	96·00	96·59	91·50	88·42	88·34	86·84	86·75	87·67	90·17	93·42	90·17
15	93·50	95·92	96·67	91·34	88·34	88·34	86·92	86·67	87·84	90·17	93·42	90·17
16	93·67	95·75	96·75	91·17	88·34	88·25	87·00	86·67	88·00	90·17	93·67	90·67
17	93·75	95·59	96·75	91·00	88·25	88·17	87·09	86·67	88·00	90·25	93·67	90·92
18	93·67	95·59	96·84	90·67	88·25	88·09	87·17	86·75	88·00	90·34	93·67	91·17
19	93·67	95·50	96·67	90·50	88·17	88·00	87·17	86·84	88·17	90·42	93·92	91·17
20	93·67	95·50	96·42	90·34	88·17	87·92	87·17	86·84	88·17	90·42	93·92	91·67
21	93·59	95·67	96·17	90·17	88·17	87·84	87·09	86·84	88·34	90·42	93·92	92·17
22	93·59	95·84	96·00	90·00	88·34	87·67	87·09	86·84	88·50	90·50	93·67	92·67
23	93·42	96·00	95·84	89·92	88·50	87·59	87·09	86·84	88·50	90·67	93·67	92·92
24	93·34	96·09	95·67	89·84	88·50	87·50	87·00	86·84	88·50	90·67	93·42	92·92
25	93·34	96·17	95·42	89·75	88·50	87·42	87·00	86·84	88·50	90·67	93·17	92·92
26	93·42	96·25	95·17	89·67	88·42	87·34	86·92	86·84	88·67	90·67	92·67	92·92
27	93·50	96·42	94·92	89·67	88·42	87·17	86·84	86·84	88·75	90·67	92·67	92·92
28	93·59	96·59	94·67	89·59	88·34	87·17	86·75	86·84	88·84	90·67	92·67	93·09
29	93·59	96·75	94·42	89·50	88·25	87·17	86·67	86·84	88·84	90·67	.....	93·09
30	93·59	96·84	94·17	89·42	88·17	87·17	86·67	86·84	88·84	90·67	.....	93·17
31	.....	96·92	.....	89·34	88·17	.....	86·59	86·84	88·84	90·67	.....	93·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1891–92.

TABLE No. 383.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	92·67	97·17	92·84	88·42	89·17	87·67	86·50	86·42	90·50	89·17	91·17	89·67
2	92·17	97·17	92·59	88·34	89·17	87·59	86·42	86·42	90·50	89·67	91·17	89·67
3	92·09	97·17	92·34	88·25	89·17	87·59	86·34	86·34	90·50	90·17	91·17	89·92
4	91·92	97·42	92·17	88·17	89·09	87·59	86·25	86·34	90·50	90·67	90·67	89·92
5	91·67	97·42	92·00	88·17	89·00	87·50	86·17	86·25	90·50	91·17	90·17	90·17
6	91·42	97·17	91·75	88·17	88·92	87·50	86·17	86·17	90·50	91·67	90·17	90·17
7	91·17	97·17	91·50	88·09	88·84	87·50	86·17	86·17	90·42	91·84	90·17	90·67
8	90·92	97·17	91·34	88·09	88·67	87·42	86·25	86·17	90·34	91·92	89·67	90·67
9	90·67	97·17	91·17	88·00	88·50	87·42	86·34	86·09	90·25	91·92	89·17	90·67
10	90·50	96·92	91·00	87·92	88·34	87·42	86·50	86·09	90·17	92·17	88·67	90·67
11	90·67	96·67	90·84	87·84	88·17	87·34	86·59	86·09	90·09	92·17	88·67	90·42
12	91·17	96·42	90·67	87·75	87·92	87·34	86·67	86·09	90·00	92·17	88·17	90·17
13	91·42	96·17	90·50	87·67	87·67	87·34	86·75	86·09	89·84	92·17	88·17	89·67
14	91·67	96·00	90·34	87·67	87·50	87·34	86·84	86·09	89·75	92·17	88·17	89·42
15	91·92	95·84	90·17	87·67	87·50	87·25	86·84	86·09	89·67	92·17	88·17	89·17
16	92·17	95·67	90·00	87·67	87·50	87·25	86·84	86·17	89·59	92·17	88·17	89·17
17	92·67	95·50	89·84	87·67	87·50	87·25	86·75	86·34	89·59	92·17	88·17	89·17
18	93·17	95·42	89·75	87·67	87·50	87·17	86·75	86·50	89·59	92·17	88·17	89·17
19	93·67	95·34	89·67	87·92	87·59	87·17	86·67	86·67	89·50	92·17	88·17	89·17
20	94·17	95·17	89·59	88·17	87·75	87·17	86·67	86·84	89·50	92·17	88·17	89·17
21	94·67	95·00	89·50	88·34	87·75	87·09	86·67	87·17	89·42	92·17	88·17	89·17
22	95·17	94·84	89·42	88·50	87·75	87·09	86·59	87·67	89·42	92·17	88·67	88·17
23	95·50	94·67	89·34	88·59	87·84	87·00	86·59	88·17	89·34	92·17	88·67	88·17
24	95·84	94·50	89·25	88·67	87·84	87·00	86·59	89·00	89·34	92·17	88·92	88·17
25	96·17	94·34	89·17	88·75	87·84	86·92	86·50	89·50	89·25	92·17	89·17	88·17
26	96·50	94·17	89·09	88·84	87·75	86·84	86·50	89·84	89·25	92·17	89·17	87·17
27	96·84	93·92	89·00	88·92	87·75	86·75	86·50	90·17	89·17	91·92	89·67	87·17
28	97·00	93·67	88·84	89·00	87·67	86·67	86·50	90·34	89·17	91·67	89·67	87·17
29	97·17	93·42	88·67	89·00	87·67	86·59	86·50	90·42	89·09	91·17	89·67	87·17
30	97·17	93·17	88·50	89·00	87·67	86·59	86·50	90·50	89·00	91·17	.....	87·17
31	.....	93·00	.....	89·00	87·67	.....	86·50	.....	89·00	91·17	.....	87·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1892–93.

TABLE No. 384.

1	87·67	89·67	90·50	91·42	87·75	87·84	87·17	86·59	89·50	.....	95·67	98·17
2	88·17	89·84	90·50	91·42	87·75	87·59	87·17	86·67	89·50	.....	96·17	98·67
3	88·67	90·00	90·50	91·42	87·67	87·34	87·17	86·67	89·17	.....	96·17	98·67
4	89·67	90·17	90·59	91·34	87·67	87·09	87·17	86·67	89·17	.....	97·17	99·17
5	90·67	90·34	90·50	91·17	87·59	86·84	87·17	86·67	88·92	.....	98·17	99·17
6	91·67	90·42	90·50	90·92	87·59	86·75	87·17	86·59	88·92	.....	98·67	98·67
7	92·42	90·50	90·59	90·67	87·59	86·67	87·17	86·59	88·92	.....	98·67	98·67
8	92·42	90·59	90·59	90·42	87·50	86·59	87·09	86·50	88·67	.....	98·67	98·17
9	92·67	90·67	90·67	90·17	87·50	86·50	87·09	86·50	88·67	.....	98·67	98·17
10	92·67	90·67	90·67	89·92	87·50	86·50	87·00	86·50	88·67	.....	98·67	97·17
11	92·17	90·67	90·59	89·67	87·50	86·50	87·00	86·59	88·17	.....	96·17	97·17
12	92·17	90·67	90·50	89·42	87·84	86·42	87·09	86·67	88·17	.....	96·17	96·17
13	91·17	90·67	90·50	89·17	88·00	86·42	87·00	86·84	88·17	.....	95·17	95·17
14	90·67	90·59	90·42	89·00	88·09	86·42	87·00	87·00	87·92	.....	95·17	95·17
15	90·50	90·59	90·42	88·84	88·17	86·34	87·00	87·17	87·92	.....	95·67	95·17
16	90·34	90·50	90·34	88·67	88·25	86·34	86·92	87·42	87·92	.....	96·17	95·17
17	90·17	90·50	90·34	88·50	88·34	86·34	86·84	87·67	88·17	.....	96·67	94·17
18	90·00	90·50	90·42	88·34	88·34	86·34	86·75	88·17	88·67	.....	96·67	94·17
19	89·84	90·50	90·59	88·25	88·42	86·42	86·75	88·92	88·67	.....	96·92	94·17
20	89·67	90·50	90·67	88·17	88·42	86·59	86·67	89·42	88·67	.....	97·17	93·17
21	89·50	90·50	90·67	88·09	88·34	86·75	86·67	89·67	89·17	.....	97·42	93·17
22	89·17	90·59	90·67	88·00	88·17	86·84	86·67	89·84	89·67	.....	97·92	93·17
23	89·17	90·75	90·67	88·00	88·09	86·92	86·59	89·92	90·17	.....	98·67	93·17
24	89·17	90·84	90·92	87·92	88·09	87·00	86·59	90·00	90·67	.....	98·67	92·17
25	89·17	90·84	91·17	87·92	88·09	87·09	86·50	89·92	91·67	.....	98·67	92·17
26	89·34	90·67	91·34	87·84	88·00	87·17	86·50	89·84	91·67	.....	98·67	92·17
27	89·50	90·67	91·50	87·84	88·00	87·34	86·42	89·75	91·17	.....	98·67	92·17
28	89·50	90·50	91·50	87·84	88·00	87·34	86·50	89·67	91·17	.....	98·17	92·17
29	89·50	90·50	91·50	87·84	88·00	87·17	86·50	89·59	90·17	.....	.....	92·17
30	89·50	90·50	91·50	87·84	88·00	87·17	86·59	89·50	90·17	.....	.....	92·17
31	.....	90·50	.....	87·84	88·00	.....	86·59	.....	89·67	.....	.....	92·17

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1893–94.

TABLE No. 385.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	92·17	91·42	97·92	92·17	88·75	89·17	86·67	87·92	87·42	89·17	91·67	96·84
2	91·67	91·67	97·67	92·00	88·67	88·84	86·67	87·92	87·50	89·17	91·92	96·84
3	91·67	92·67	97·42	91·84	88·59	88·42	86·67	87·84	87·50	89·67	91·92	96·17
4	91·67	93·67	97·17	91·67	88·59	88·00	86·67	87·84	87·59	89·92	92·17	96·17
5	91·17	95·42	96·92	91·67	88·59	87·84	86·75	87·75	87·59	90·17	92·17	95·17
6	91·17	95·67	96·84	91·59	88·59	87·75	86·75	87·75	87·67	90·17	92·42	94·17
7	90·67	95·84	96·75	91·59	88·67	87·67	86·84	87·75	87·67	90·17	92·42	94·17
8	90·17	96·00	96·67	91·50	88·75	87·59	86·84	87·67	87·92	90·17	92·67	94·17
9	90·17	96·17	96·67	91·34	88·75	87·50	86·84	87·67	88·17	90·67	92·92	94·17
10	90·67	96·25	96·67	91·17	88·75	87·42	86·84	87·67	88·67	91·17	93·17	94·67
11	90·92	96·34	96·50	91·00	88·67	87·34	86·84	87·67	88·92	91·67	93·67	94·67
12	91·17	96·42	96·34	90·67	88·59	87·25	86·92	87·59	89·17	92·17	94·17	94·67
13	91·17	96·50	96·17	90·50	88·50	87·09	86·92	87·59	89·67	92·67	94·67	93·17
14	91·17	96·67	95·92	90·34	88·42	86·92	86·92	87·50	90·17	92·92	94·92	93·17
15	90·67	96·75	95·67	90·17	88·34	86·84	87·00	87·50	90·67	93·17	95·17	92·17
16	90·67	97·67	95·42	90·17	88·25	86·84	87·00	87·42	91·17	93·17	95·17	92·17
17	90·50	97·92	95·17	90·00	88·17	86·92	87·00	87·34	91·17	93·17	95·17	92·17
18	90·50	98·92	94·92	89·84	88·09	86·92	87·09	87·25	91·17	93·17	95·17	92·17
19	90·67	99·67	94·67	89·67	88·00	86·92	87·09	87·17	90·67	93·17	95·67	92·17
20	90·92	99·92	94·42	89·59	87·92	86·84	87·17	87·17	90·17	92·17	95·92	92·17
21	91·42	100·17	94·17	89·50	87·84	86·84	87·25	87·17	89·67	90·17	96·17	92·17
22	91·67	100·17	93·92	89·42	87·75	86·84	87·34	87·17	89·67	90·17	96·17	91·17
23	92·17	100·09	93·67	89·42	87·67	86·75	87·42	87·17	89·67	90·17	96·50	91·17
24	92·42	99·92	93·42	89·34	87·59	86·75	87·50	87·17	89·67	90·17	96·84	91·17
25	92·17	99·67	93·17	89·34	87·50	86·75	87·59	87·17	89·17	90·17	97·00	91·17
26	91·67	99·42	92·92	89·25	87·42	86·67	87·67	87·17	89·17	90·67	97·00	91·17
27	91·67	99·17	92·84	89·17	87·42	86·67	87·75	87·17	89·17	90·67	97·09	91·17
28	91·42	98·92	92·67	89·09	87·42	86·67	87·84	87·25	89·17	91·17	96·84	91·17
29	91·17	98·67	92·50	89·00	88·09	86·67	87·84	87·34	89·17	91·17	.....	91·17
30	91·17	98·42	92·34	88·92	89·67	86·67	87·92	87·42	89·17	91·67	.....	91·17
31	.....	98·17	.....	88·84	89·50	.....	87·92	.....	89·17	91·67	.....	91·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1894–95.

TABLE 386.

1	90·17	97·59	93·67	91·50	87·84	85·92	86·00	88·17	88·42	90·17	92·84	94·17
2	90·42	97·59	93·84	91·34	87·75	85·84	86·00	88·25	88·42	90·17	92·84	94·67
3	90·42	97·50	94·00	91·17	87·67	85·84	86·09	88·34	88·17	90·34	93·00	94·67
4	90·42	97·50	93·92	91·00	87·59	85·75	88·09	88·50	88·17	90·50	93·17	91·67
5	90·17	97·59	93·84	90·92	87·50	85·75	86·17	88·59	88·17	90·67	93·42	94·67
6	90·00	97·50	93·75	90·92	87·50	85·67	86·17	88·59	88·17	90·84	93·67	94·17
7	89·84	97·59	93·67	91·00	87·34	85·67	86·17	88·59	88·17	91·00	93·67	94·17
8	89·84	97·59	93·50	91·00	87·17	85·67	86·25	88·67	88·09	91·00	93·67	93·17
9	89·67	97·50	93·34	91·00	87·00	85·59	86·34	88·67	88·00	91·00	94·17	92·17
10	89·50	97·42	93·17	90·92	86·92	85·59	86·34	88·67	87·92	91·00	94·17	92·17
11	89·50	97·17	93·00	90·84	86·92	85·50	86·34	88·67	87·92	91·17	94·17	92·17
12	89·59	97·00	92·75	90·67	86·84	85·50	86·42	88·75	87·84	91·50	94·67	92·17
13	89·67	96·84	92·50	90·50	86·84	85·42	86·42	88·84	87·84	91·84	94·67	92·17
14	89·92	96·67	92·34	90·34	86·75	85·42	86·59	88·84	87·84	92·17	94·67	92·17
15	90·17	96·50	92·17	90·17	86·75	85·50	86·75	88·75	87·67	92·17	94·67	92·17
16	90·42	96·34	92·00	90·00	86·75	85·59	86·84	88·75	87·67	92·17	94·92	92·17
17	90·67	96·17	91·84	89·84	86·67	85·67	86·92	88·75	87·67	92·17	94·92	90·17
18	90·92	96·00	91·67	89·67	86·59	85·67	87·00	88·75	87·67	91·92	95·17	90·17
19	91·17	95·92	91·84	89·50	86·59	85·67	87·17	88·67	87·67	91·67	95·17	90·17
20	91·67	95·67	92·00	89·34	86·50	85·75	87·42	88·59	87·67	91·67	94·92	90·17
21	92·50	95·42	92·17	89·17	86·50	85·75	87·67	88·50	87·67	91·67	94·67	90·17
22	93·34	95·17	92·50	89·00	86·50	85·75	87·84	88·42	87·67	91·92	94·67	89·17
23	94·17	94·92	92·67	88·84	86·42	85·75	88·09	88·34	87·92	92·17	95·17	89·17
24	94·92	94·67	92·50	88·67	86·42	85·84	88·25	88·25	88·42	92·17	95 17	89 17
25	95·67	94·42	92·34	88·50	86·42	85·84	88·25	88·25	88·92	92·17	95·17	89·17
26	96·17	94·17	92·17	88·34	86·34	85·84	88·25	88·25	89·67	92·34	94·67	89·17
27	96·67	94·00	92·00	88·17	86·25	85·92	88·17	88·25	90·17	92·50	94·67	89·17
28	97·00	93·84	91·92	88·00	86·17	85·92	88·17	88·34	90·42	92·50	94·17	89·17
29	97·34	93·84	91·84	88·09	86·09	85·92	88·09	88·42	90·42	92·67	.....	89·17
30	97·50	93·67	91·67	87·92	86·00	85·92	88·09	88·42	90·42	92·84	.....	89·17
31	.....	93·50	.....	87·92	85·92	.....	88·09	.....	90·17	92·84	.....	89·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1895–96.

TABLE No. 387.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	88·17	95·00	92·84	89·92	86·84	87·00	85·67	85·42	87·00	90·92	97·17	96·17
2	88·17	95·00	92·92	89·67	86·84	86·92	85·67	85·42	87·17	91·17	97·17	96·17
3	88·17	95·00	93·00	89·42	86·75	86·84	85·67	85·42	87·17	91·17	97·17	96·67
4	88·17	95·00	93·09	89·17	86·75	86·75	85·67	85·42	87·17	91·17	97·17	96·67
5	88·17	95·17	93·17	88·92	86·67	86·67	85·67	85·42	87·34	91·17	97·17	96·17
6	88·17	95·50	93·17	88·67	86·59	86·59	85·67	85·42	87·50	90·67	96·67	96·17
7	88·17	95·50	93·17	88·42	86·59	86·50	85·67	85·59	87·67	90·17	96·17	96·17
8	88·17	95·67	93·17	88·17	86·67	86·42	85·67	85·59	87·84	90·17	95·17	95·67
9	90·67	95·84	93·09	88·09	86·67	86·34	85·59	85·50	88·00	90·17	95·17	95·17
10	92·17	96·00	93·00	88·00	86·75	86·34	85·59	85·67	88·17	90·17	95·17	94·17
11	91·92	96·17	92·92	87·92	86·75	86·34	85·59	85·75	88·17	90·42	95·67	94·17
12	91·67	96·17	92·84	87·84	86·75	86·34	85·59	85·92	88·17	90·67	96·17	93·67
13	91·42	96·00	92·75	87·84	86·75	86·25	85·50	86·00	88·17	90·67	96·17	93·67
14	91·67	95·84	92·67	87·75	86·84	86·25	85·50	86·09	88·17	90·92	96·67	93·67
15	91·92	95·67	92·59	87·75	86·84	86·25	85·50	86·17	87·67	90·92	97·17	93·17
16	92·17	95·42	92·50	87·67	86·84	86·17	85·50	86·25	87·17	90·92	97·67	93·17
17	92·42	95·25	92·42	87·67	86·84	86·17	85·50	86·25	87·17	91·17	97·67	92·17
18	92·67	95·17	92·34	87·59	86·84	86·17	85·50	86·25	86·67	91·17	97·67	91·17
19	92·84	94·92	92·25	87·59	86·84	86·09	85·50	86·25	86·67	91·67	96·67	91·17
20	93·00	94·67	92·17	87·50	86·92	86·09	85·50	86·34	86·84	92·17	96·67	90·17
21	93·17	94·42	92·00	87·50	86·92	86·00	85·50	86·34	87·00	92·17	96·17	90·17
22	93·42	94·17	91·84	87·42	86·92	85·92	85·50	86·34	87·17	92·67	96·17	90·17
23	93·67	93·92	91·67	87·42	86·92	85·92	85·50	86·34	87·50	93·17	96·17	90·17
24	93·92	93·67	91·42	87·34	87·00	85·84	85·50	86·42	87·84	94·17	96·17	90·17
25	94·17	93·42	91·17	87·25	87·09	85·84	85·42	86·42	88·17	95·17	96·17	90·17
26	94·42	93·17	90·92	87·17	87·00	85·84	85·42	86·42	88·50	95·67	96·17	90·17
27	94·67	93·09	90·67	87·09	87·00	85·75	85·42	86·59	88·84	96·17	96·17	90·17
28	94·92	93·00	90·50	87·00	87·09	85·75	85·42	86·75	89·17	96·67	96·17	90·17
29	94·92	92·92	90·34	86·92	87·09	85·75	85·42	86·84	89·67	97·17	96·17	90·17
30	94·92	92·84	90·17	86·84	87·09	85·75	85·42	86·84	90·17	97·17	.....	90·17
31	.....	92·84	.....	86·84	87·09	.....	85·42	.....	90·67	97·17	.....	90·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1896–97.

TABLE No. 388.

1	89·67	96·75	92·09	89·09	87·50	86·17	86·00	86·59	90·67	92·17	91·17	89·67
2	89·17	96·67	92·09	88·84	87·34	86·17	86·17	86·67	90·67	91·17	91·17	89·67
3	89·17	96·59	92·00	88·67	87·25	86·09	86·25	86·67	90·92	91·17	90·17	89·67
4	89·17	96·50	91·92	88·50	87·17	86·09	86·25	86·75	91·17	90·67	90·17	89·17
5	89·17	96·42	91·84	88·59	87·17	86·09	86·34	87·17	91·42	90·17	90·17	89·17
6	89·67	96·34	91·84	88·59	87·17	86·09	86·34	87·92	91·67	89·17	90·17	89·17
7	90·17	96·17	92·00	88·67	87·09	86·09	86·42	88·25	91·67	89·17	90·17	89·17
8	91·17	96·00	92·17	88·84	87·09	86·00	86·50	88·50	91·67	89·17	89·67	89·17
9	92·17	95·84	92·34	88·84	87·00	86·00	86·59	88·75	91·67	89·17	89·67	89·17
10	93·17	95·67	92·50	88·84	87·00	86·00	86·59	88·92	92·17	89·17	89·67	89·17
11	93·67	95·50	92·50	88·84	87·00	86·00	86·67	89·09	92·17	89·17	90·17	89·67
12	94·17	95·34	92·34	88·84	86·92	86·00	86·67	89·25	92·17	89·67	90·67	89·67
13	94·67	95·17	92·17	88·75	86·92	85·92	86·67	89·42	92·17	90·17	90·67	90·17
14	95·17	95·00	92·00	88·75	86·92	85·92	86·67	89·50	91·17	90·17	90·67	90·67
15	95·17	94·84	91·84	88·67	86·84	85·92	86·67	89·59	91·17	90·17	90·17	91·17
16	95·67	94·67	91·67	88·67	86·84	85·92	86·67	89·67	91·17	90·67	90·17	91·17
17	96·17	94·50	91·50	88·59	86·75	85·84	86·67	89·75	91·67	90·67	90·17	91·17
18	96·67	94·34	91·34	88·50	86·75	85·84	86·67	89·84	91·67	90·67	90·67	91·17
19	97·17	94·17	91·17	88·42	86·67	85·84	86·67	89·92	91·92	90·67	90·67	91·17
20	97·50	93·92	91·00	88·34	86·67	85·84	86·67	90·00	92·17	90·67	90·17	91·17
21	97·84	93·67	90·84	88·25	86·59	85·84	86·59	90·09	92·17	90·67	89·17	90·17
22	97·92	93·42	90·67	88·17	86·59	85·84	86·59	90·17	92·67	91·17	89·17	90·17
23	98·00	93·17	90·42	88·17	86·50	85·84	86·59	90·25	92·67	91·17	89·17	90·17
24	98·00	93·00	90·17	88·09	86·50	85·92	86·59	90·34	92·92	91·67	89·17	90·17
25	97·84	92·84	90·00	88·00	86·42	85·92	86·59	90·42	93·17	91·67	89·17	90·17
26	97·67	92·67	89·84	88·00	86·42	85·92	86·59	90·50	93·67	91·67	89·67	89·67
27	97·42	92·50	89·67	87·92	86·34	85·92	86·59	90·59	93·67	92·17	89·67	89·17
28	97·17	92·34	89·50	87·92	86·34	85·92	86·59	90·67	93·17	92·17	89·67	89·17
29	97·00	92·17	89·42	87·84	86·25	85·92	86·59	90·67	92·17	91·67	.....	89·17
30	96·84	92·17	89·34	87·75	86·25	85·92	86·59	90·67	92·17	91·67	.....	89·17
31	.....	92·17	.....	87·67	86·17	.....	86·59	.....	92·17	91·17	.....	89·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1897–98.

TABLE No. 389.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	89·67	97·25	95·09	90·59	87·59	87·09	85·25	86·17	85·59	89·67	92·75	90·17
2	90·17	97·50	94·59	90·34	87·59	87·00	85·17	86·25	85·42	89·67	93·17	90·50
3	90·67	97·67	94·25	90·17	87·50	86·92	85·17	86·34	85·34	90·17	93·67	90·50
4	90·67	97·67	94·25	90·00	87·42	86·84	85·17	86·42	85·50	90·34	93·92	90·50
5	90·67	97·59	94·09	89·84	87·34	86·75	85·09	86·42	85·67	90·59	94·17	89·67
6	99·67	97·50	93·75	89·67	87·25	86·67	85·09	86·42	85·84	90·17	94·09	89·17
7	90·67	97·42	93·67	89·50	87·17	86·67	85·09	86·42	86·00	89·59	94·09	89·00
8	90·67	97·42	93·59	89·34	87·09	86·59	85·00	86·42	86·17	89·59	93·92	88·17
9	90·67	97·34	93·42	89·09	86·92	86·50	85·00	86·34	86·34	89·50	93·67	87·84
10	90·67	97·34	93·34	88·92	86·84	86·34	85·00	86·42	86·34	89·50	92·17	87·84
11	90·67	97·17	93·34	88·84	86·84	86·25	84·92	86·34	86·42	90·17	91·34	88·17
12	90·67	97·00	93·34	88·75	87·00	86·17	85·00	86·34	86·59	91·17	90·67	89·17
13	90·67	96·75	93·50	88·75	86·92	86·17	85·00	86·25	86·84	90·17	90·67	91·17
14	90·67	96·59	93·50	88·67	86·92	86·09	84·92	86·17	87·00	89·25	90·59	93·17
15	90·67	96·42	93·42	88·59	86·92	86·09	85·00	86·17	87·50	89·50	90·59	95·00
16	90·67	96·17	93·34	88·50	86·92	86·00	85·00	86·09	88·00	89·34	90·34	95·75
17	90·67	95·92	93·17	88·42	86·92	85·92	85·09	86·17	88·50	89·34	91·17	95·17
18	90·67	95·67	93·00	88·25	87·00	85·75	85·09	86·17	89·00	89·50	92·50	95·00
19	90·67	95·50	92·75	88·17	87·09	85·67	85·09	86·09	90·00	89·25	93·00	95·00
20	90·75	95·42	92·50	88·09	87·17	85·67	85·17	86·09	91·00	89·17	93·00	94·92
21	90·84	95·25	92·34	87·92	87·17	85·59	85·25	86·09	91·17	89·00	93·00	94·92
22	90·92	95·42	92·09	87·75	87·17	85·50	85·34	86·00	89·67	89·67	93·50	94·84
23	91·00	95·67	91·84	87·67	87·25	85·42	85·42	85·92	89·67	90·25	93·59	93·84
24	91·17	96·17	91·59	87·59	87·17	85·42	85·50	85·92	91·00	90·17	92·67	93·42
25	91·67	96·42	91·59	87·50	87·17	85·42	85·59	85·84	91·67	90·34	92·67	92·92
26	92·67	96·50	91·50	87·42	87·34	85·42	85·67	85·92	90·17	90·34	92·59	92·67
27	93·67	96·42	91·34	87·34	87·34	85·34	85·84	86·00	89·67	91·17	91·17	92·59
28	94·67	96·34	91·09	87·25	87·34	85·42	85·92	85·92	91·17	91·50	91·17	92·67
29	95·75	96·00	90·59	87·42	87·25	85·42	86·09	85·84	91·50	91·84	.....	93·34
30	96·84	95·67	90·50	87·50	87·17	85·34	86·17	85·67	91·00	92·17	.....	93·67
31	.....	95·42	.....	87·59	87·17	.....	86·17	.....	89·92	92·17	.....	93·00

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1898–99.

TABLE No. 390.

1	92·92	92·50	92·75	91·42	87·59	86·59	86·67	89·67	88·42	93·00	91·42	89·17
2	92·75	92·42	92·67	91·42	87·50	86·50	86·67	89·75	88·34	90·67	91·42	89·17
3	92·67	92·42	92·59	91·34	87·42	86·59	86·67	89·67	88·34	90·67	91·59	89·17
4	92·59	92·34	92·50	91·25	87·42	86·59	86·75	89·59	88·25	90·59	91·34	89·17
5	92·42	92·34	92·34	91·09	87·42	86·59	86·75	89·42	88·25	88·50	91·34	89·25
6	92·42	92·25	92·17	90·92	87·25	86·59	86·75	89·34	88·17	88·67	91·34	88·67
7	92·17	92·17	92·00	90·75	87·25	86·67	86·67	89·17	88·09	91·17	91·59	88·50
8	91·84	92·00	91·75	90·59	87·25	86·75	86·67	89·00	88·00	90·25	91·67	88·17
9	91·50	91·92	91·59	99·34	87·17	86·84	86·59	89·00	88·50	90·75	91·84	87·92
10	91·17	91·75	91·34	90·17	87·17	86·92	86·50	88·92	88·25	91·17	93·17	87·67
11	91·00	91·59	91·17	90·09	87·09	86·92	86·50	89·00	88·17	92·00	93·17	87·67
12	91·09	91·59	91·09	89·92	87·09	86·84	86·50	88·92	88·17	92·00	93·50	87·42
13	91·09	91·59	91·00	89·75	87·09	86·75	86·59	88·92	88·00	93·42	93·50	87·42
14	91·00	91·50	91·00	89·59	87·00	86·67	86·67	88·92	88·09	94·17	93·92	87·42
15	99·84	91·42	91·00	89·34	87·00	86·67	86·75	88·92	88·17	94·17	93·34	87·59
16	90·75	91·34	91·00	89·17	87·25	86·59	86·84	88·92	89·17	91·34	92·59	87·42
17	90·84	91·25	90·92	89·09	87·42	86·59	86·92	88·92	89·67	90·17	90·34	87·84
18	91·00	91·17	90·75	88·92	87·50	86·59	87·00	88·92	88·17	90·59	90·17	88·50
19	91·34	91·00	90·67	88·92	87·50	86·59	87·17	89·09	88·17	90·17	89·67	88·67
20	91·67	91·00	90·50	88·84	87·50	86·50	87·59	89·17	89·17	90·17	89·59	88·67
21	91·92	90·84	90·34	88·75	87·50	86·42	87·59	89·17	90·17	89·92	89·42	88·67
22	92·17	90·84	90·17	88·67	87·50	86·42	87·75	89·17	87·67	89·67	89·42	88·67
23	92·34	90·84	90·00	88·59	87·42	86·42	88·17	89·25	87·50	89·42	89·50	88·42
24	92·34	90·92	89·84	88·50	87·25	86·59	88·59	89·17	87·50	89·42	90·17	88·42
25	92·34	91·25	89·75	88·42	87·17	86·59	88·67	89·09	87·50	89·50	90·17	88·17
26	92·59	91·59	89·92	88·34	87·09	86·59	88·67	89·00	87·67	89·67	89·67	88·17
27	92·59	92·09	90·09	88·17	87·00	86·59	89·17	88·92	88·17	90·17	89·50	87·84
28	92·42	92·42	90·34	88·09	86·84	86·59	89·50	88·75	88·67	91·17	89·50	87·84
29	92·42	92·59	90·84	87·92	86·75	86·59	89·59	88·59	89·67	91·42	.....	87·84
30	92·50	92·75	91·17	87·75	86·67	86·59	89·67	88·50	90·84	91·67	.....	87·67
31	.....	92·84	.....	87·67	86·59	.....	89·67	.....	91·92	91·42	.....	87·67

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1899–00.

TABLE No. 391.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	87·59	97·67	95·34	90·67	88·75	86·09	88·17	87·50	86·59	89·17	89·67	89·67
2	87·59	97·25	95·34	90·42	88·67	86·09	88·42	87·50	86·59	89·42	90·25	89·92
3	87·59	98·84	95·34	90·25	88·67	86·00	88·59	87·50	86·50	89·42	90·84	89·92
4	87·00	99·42	95·34	90·17	88·67	86·00	88·67	87·59	86·50	89·42	91·42	89·92
5	86·92	99·84	95·25	90·09	88·59	85·92	88·67	87·59	86·50	89·17	89·67	89·92
6	86·84	100·00	95·17	90·00	88·42	85·84	88·67	87·50	86·50	88·92	89·50	96·17
7	86·67	100·17	95·00	89·92	88·34	85·75	88·59	87·50	86·50	88·67	89·50	90·17
8	86·92	100·25	94·92	89·75	88·17	85·67	88·50	87·42	86·42	88·67	89·50	90·17
9	87·67	100·09	94·67	89·92	88·00	85·59	88·34	87·34	86·34	89·17	89·17	89·67
10	88·34	99·92	94·42	90·42	87·84	85·59	88·17	87·17	86·34	89·59	89·17	89·67
11	88·34	99·67	94·17	90·67	87·67	85·59	88·09	87·17	86·34	90·17	89·17	89·67
12	88·50	99·42	93·92	90·92	87·59	85·59	88·00	87·09	86·84	90·67	89·17	89·50
13	89·67	99·09	93·67	91·17	87·50	85·59	87·84	87·00	87·75	88·84	89·17	89·50
14	90·75	98·67	93·42	91·00	87·34	85·50	87·67	87·00	88·17	88·75	90·00	89·17
15	92·00	98·25	93·25	90·75	87·25	85·42	87·50	86·92	88·67	88·75	90·00	88·67
16	93·17	97·84	93·09	90·59	87·17	85·34	87·42	86·84	89·17	88·75	90·17	88·67
17	94·17	97·42	92·92	90·42	87·00	85·34	87·25	86·75	89·92	89·00	89·59	88·75
18	95·17	97·09	92·67	90·34	86·84	85·34	87·17	86·67	90·17	91·17	89·59	88·75
19	95·42	96·75	92·50	90·17	86·67	85·34	87·17	86·67	88·09	90·67	89·67	88·67
20	94·34	96·42	92·17	89·92	86·59	85·42	87·17	86·67	88·34	88·59	89·67	88·17
21	94·42	96·09	92·09	89·84	86·42	85·42	87·09	86·67	88·59	88·59	89·67	88·17
22	95·00	95·84	91·92	89·67	86·50	85·42	87·17	86·67	88·67	88·59	89·00	88·17
23	95·17	95·50	91·75	89·59	86·42	85·50	87·17	86·67	88·67	88·59	89·00	88·17
24	95·34	95·25	91·67	89·17	86·34	85·59	87·17	86·67	89·25	89·25	89·00	88·00
25	95·59	95·09	91·50	89·17	86·34	85·75	87·17	86·67	89·17	91·84	89·50	88·00
26	95·84	94·84	91·42	89·09	86·25	86·00	87·17	86·67	88·59	91·84	89·67	87·92
27	96·00	94·84	91·25	89·00	86·25	86·17	87·09	86·59	88·42	91·84	89·67	87·67
28	97·00	94·75	91·09	88·92	86·17	86·59	87·09	86·59	88·67	91·84	89·67	87·17
29	97·17	94·67	90·92	88·92	86·17	87·09	87·17	86·59	89·17	90·17	.....	87·17
30	97·50	94·92	90·75	88·84	86·17	87·67	87·25	86·59	88·17	89·67	.....	87·17
31	.....	95·17	.....	88·84	86·09	.....	87·42	.....	88·17	89·67	.....	87·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1900–01.

TABLE No. 392.

1	87·50	95·50	91·67	88·34	90·25	87·42	87·59	87·67	88·59	88·17	91·59	93·17
2	87·67	95·42	91·92	88·34	90·17	87·34	87·59	87·67	88·67	87·84	91·59	93·84
3	87·67	95·00	92·17	88·67	90·09	87·17	87·59	87·59	88·67	88·00	92·09	93·75
4	88·67	94·59	92·42	88·84	90·00	87·09	87·59	87·50	88·67	88·67	92·75	90·34
5	89·50	94·42	92·34	89·17	89·92	87·09	87·50	87·42	88·59	89·59	93·42	90·50
6	90·17	94·25	92·17	89·25	89·84	87·09	87·17	87·42	88·59	90·67	93·67	90·67
7	90·67	94·09	92·09	89·42	89·75	87·00	87·59	87·42	88·59	89·17	94·42	90·84
8	91·75	94·17	92·00	89·59	89·75	87·09	87·59	87·50	88·59	88·67	91·92	91·09
9	92·17	94·17	91·84	89·75	89·67	86·92	87·59	87·59	88·50	89·17	95·17	90·17
10	91·84	94·17	91·75	89·84	89·59	86·92	87·67	87·42	88·42	89·67	95·75	99·17
11	91·17	94·09	91·67	91·00	89·50	86·75	87·84	87·34	88·34	90·17	96·09	90·17
12	90·67	93·92	91·50	90·59	89·42	86·75	88·00	87·17	88·17	90·67	92·00	90·34
13	90·50	93·67	91·25	90·59	89·34	86·75	88·17	87·09	88·17	91·17	92·34	90·50
14	90·17	93·50	91·00	90·50	89·25	86·67	88·34	87·09	88·34	90·17	92·84	89·34
15	90·17	93·34	90·84	90·75	89·17	86·67	88·42	87·09	88·50	90·17	93·92	89·17
16	89·84	93·17	90·67	91·09	89·09	86·75	88·17	87·09	88·67	89·92	94·42	89·17
17	89·84	93·00	90·50	91·59	89·00	86·92	88·34	87·00	88·75	90·17	94·75	89·17
18	90·17	92·17	90·34	92·00	88·92	87·00	88·25	87·09	88·92	90·67	94·75	89·25
19	91·34	92·34	90·17	92·17	88·84	87·09	88·17	87·34	89·17	91·17	94·75	89·34
20	92·50	92·25	90·09	91·84	88·75	87·09	88·09	88·34	89·17	91·17	94·17	89·34
21	93·25	92·17	90·00	91·42	88·67	87·25	88·00	89·34	87·67	91·59	94·17	89·34
22	93·84	93·09	89·84	91·17	88·59	87·42	87·84	89·50	87·84	89·75	92·17	88·17
23	94·25	93·00	89·67	90·42	88·42	87·50	87·67	89·67	87·84	89·17	92·34	88·17
24	94·59	92·84	89·50	90·75	88·25	87·59	87·59	89·67	87·84	89·17	92·67	88·34
25	95·17	92·67	89·34	90·75	88·09	87·59	87·59	89·50	88·00	88·92	93·92	88·42
26	95·67	92·50	89·17	90·75	88·00	87·59	87·59	89·34	88·34	89·67	94·17	88·34
27	95·75	92·34	89·00	90·67	87·92	87·50	87·59	89·17	88·67	90·17	94·17	88·25
28	95·75	92·92	88·84	90·59	87·75	87·50	87·17	89·00	87·67	90·75	93·67	88·34
29	95·67	92·00	88·67	90·50	87·67	87·59	87·50	88·84	87·67	91·34	.....	88·50
30	95·59	91·84	88·50	90·42	87·67	87·59	87·50	88·59	87·84	91·84	.....	88·67
31	.....	91·75	.....	90·34	87·59	.....	87·59	.....	88·00	92·17	.....	88·75

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1901–02.

TABLE No. 393.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	88·84	96·67	92·67	90·09	86·75	85·17	84·42	85·59	85·67	87·50	92·67	87·75
2	88·84	96·67	92·84	89·00	86·67	85·17	84·42	85·59	85·67	88·59	92·17	88·09
3	88·84	96·59	93·00	88·84	86·59	85·17	84·50	85·59	85·67	89·50	91·67	89·25
4	89·17	96·50	93·34	88·67	86·50	86·09	84·59	85·59	85·67	90·17	92·00	89·84
5	90·17	96·50	93·42	88·59	86·42	86·00	84·67	85·67	85·67	91·25	91·84	89·84
6	91·67	96·67	93·42	88·50	86·34	85·92	84·67	85·67	85·67	92·00	91·67	89·59
7	92·50	96·92	93·50	88·42	86·34	85·84	84·75	85·67	85·59	93·59	91·42	89·34
8	94·17	96·00	93·50	88·34	86·17	85·75	84·84	85·67	85·59	95·09	91·67	89·17
9	94·67	95·67	93·50	88·25	86·17	85·67	84·84	85·67	85·59	96·17	91·67	89·00
10	95·17	95·42	93·34	88·17	85·92	85·59	84·84	85·67	85·59	95·00	91·67	88·84
11	95·09	95·34	93·17	88·09	85·92	85·50	84·84	85·67	85·59	92·17	91·75	88·50
12	94·67	95·09	93·00	87·92	85·84	85·42	84·92	85·67	85·50	92·17	92·00	88·17
13	94·17	94·92	92·84	87·75	85·75	85·34	94·92	85·75	85·50	92·67	91·67	88·84
14	93·67	94·67	92·59	87·59	85·75	85·25	85·00	85·84	85·59	93·17	91·17	89·50
15	93·59	94·42	93·25	87·50	85·67	85·17	85·00	85·84	86·17	94·17	91·17	90·17
16	93·50	94·17	91·92	87·50	85·67	85·09	85·09	85·84	88·17	94·17	91·00	90·67
17	93·50	94·09	91·67	87·42	85·67	85·09	85·17	85·84	90·34	92·17	90·67	91·34
18	93·50	94·00	91·50	87·25	85·59	85·09	85·17	85·84	91·17	93·17	90·67	92·17
19	93·67	93·92	91·34	87·17	85·50	85·00	85·17	85·84	90·67	92·17	92·00	92·50
20	93·84	93·84	91·17	87·09	85·50	84·92	85·42	85·84	90·67	92·17	92·59	92·34
21	94·17	93·84	90·92	86·92	85·42	84·92	85·59	85·84	90·50	91·17	91·50	93·25
22	95·17	93·92	90·67	86·75	85·34	84·00	85·59	85·75	90·50	90·67	91·17	92·17
23	96·00	93·92	90·50	86·67	85·17	84·75	85·59	85·75	90·34	89·67	90·50	92·67
24	96·67	93·84	90·42	86·59	85·25	84·67	85·59	85·67	90·67	89·84	90·09	93·09
25	96·92	93·67	90·34	86·59	85·42	84·67	85·50	85·67	91·17	89·84	90·00	93·09
26	96·84	93·50	90·17	86·59	85·34	84·59	85·50	85·67	91·17	89·84	88·17	93·09
27	96·75	93·34	90·00	86·50	85·34	84·50	85·50	85·67	90·92	89·50	87·75	92·92
28	96·67	93·17	89·84	86·42	85·25	84·50	85·42	85·67	88·92	89·17	87·75	92·67
29	96·59	93·00	89·67	86·50	85·25	84·42	85·42	85·67	87·67	90·75	.....	92·59
30	96·50	92·84	89·42	86·67	85·25	84·42	85·42	85·67	87·34	92·34	.....	93·34
31	.....	92·75	.....	86·75	85·17	.....	85·50	.....	87·34	92·42	.....	94·00

Elevations above M.L.S. of Ottawa River at Lower Grenville, for 1902–03.

TABLE No. 394.

1	94·09	93·67	92·67	90·92	88·34	86·67	86·09	87·17	89·75	91·17	90·09	90·59
2	94·09	93·92	92·75	90·84	88·42	86·59	86·17	87·25	89·67	90·50	90·67	90·59
3	94·09	94·00	92·75	90·75	88·42	86·50	86·17	87·34	89·59	90·17	90·17	91·09
4	94·00	94·17	92·84	90·75	88·50	86·34	86·17	87·34	89·50	89·59	91·00	92·09
5	94·00	94·42	92·84	90·67	88·50	86·25	86·17	87·42	89·84	89·84	91·84	91·17
6	93·92	94·50	92·84	90·67	88·50	86·17	86·17	87·59	89·67	88·84	92·50	91·00
7	93·92	94·50	92·75	90·59	88·50	86·09	86·25	87·67	89·75	89·25	92·75	91·92
8	93·75	94·42	92·75	90·50	88·42	86·00	86·25	87·67	90·17	89·59	92·75	91·17
9	93·42	94·34	92·67	90·34	88·34	85·92	86·34	87·67	90·67	90·00	92·75	90·50
10	93·25	94·25	92·75	90·17	88·17	85·92	86·25	87·84	92·09	90·34	91·75	90·50
11	93·25	94·17	92·75	90·00	88·09	85·92	86·25	88·00	92·17	90·75	91·75	90·67
12	93·25	94·00	92·75	89·84	88·09	85·84	86·25	88·17	91·34	91·09	91·75	91·00
13	93·34	93·84	92·67	89·67	87·92	85·84	86·34	88·34	91·17	91·67	91·75	91·92
14	93·34	93·67	92·59	89·59	87·75	85·84	86·42	88·50	91·34	92·09	91·84	92·92
15	93·25	93·59	92·50	89·42	87·67	85·84	86·42	88·67	92·00	92·34	91·92	93·17
16	93·17	93·42	92·50	89·34	87·59	85·92	86·42	88·75	92·59	91·25	92·00	93·00
17	93·00	93·34	92·42	89·25	87·50	86·00	86·50	88·84	90·50	89·59	92·17	92·92
18	93·00	93·17	92·25	89·34	87·42	86·09	86·50	88·92	90·17	90·34	93·00	92·92
19	92·92	93·09	92·09	89·34	87·42	86·17	86·67	89·00	89·59	92·00	93·09	92·92
20	92·84	92·92	91·92	89·25	87·34	86·17	86·84	89·25	89·17	92·17	94·17	93·67
21	92·75	92·75	91·75	89·25	87·25	86·17	87·00	89·42	89·09	91·59	93·75	94·00
22	92·75	92·59	91·67	89·17	87·25	86·17	87·00	89·59	89·09	91·59	93·75	94,50
23	92·75	92·42	91·50	89·09	87·17	86·17	87·09	89·84	89·42	91·75	91·84	94·50
24	92·75	92·25	91·34	89·00	87·09	86·17	87·09	89·92	89·67	91·75	91·00	94·50
25	92·67	92·25	91·17	88·84	87·09	86·17	87·09	90·00	89·92	92·09	90·75	94·67
26	92·67	92·17	91·17	88·75	87·09	86·09	87·09	90·09	90·17	92·92	90·59	94·17
27	92·92	92·25	91·17	88·67	87·00	86·09	87·17	90·09	90·50	93·67	90·59	93·84
28	92·92	92·42	91·09	88·67	86·92	86·09	87·17	90·17	91·00	93·17	90·59	93·67
29	93·00	92·50	91·00	88·59	86·84	86·09	87·17	90·00	91·17	90·84	.....	93·67
30	93·34	92·59	90·92	88·50	86·75	86·09	87·17	89·84	91·50	89·42	.....	93·09
31	.....	92·67	.....	88·50	86·67	.....	87·17	.....	91·67	89·42	.....	93·00

Elevations above M.L.S. of Ottawa River at Lower Grenville, for 1903–04.

TABLE No. 395.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	92·75	91·09	91·09	91·00	88·17	86·75	87·17	87·59	86·09	88·25	92·92	94·42
2	92·17	91·09	91·00	91·67	88·00	86·75	87·09	87·50	86·09	88·25	93·34	94·75
3	92·34	91·00	90·92	93·25	87·84	86·67	87·00	87·42	86·09	89·34	93·67	94·75
4	92·17	91·09	90·75	92·17	87·75	86·59	86·92	87·42	86·00	89·25	94·09	95·17
5	92·17	91·25	90·59	91·67	87·67	86·59	86·92	87·34	86·00	89·25	94·17	96·00
6	92·25	91·59	90·59	91·25	87·67	86·42	86·92	87·34	85·92	88·42	94·17	96·42
7	92·34	91·92	90·34	91·00	87·67	86·34	86·92	87·34	85·92	88·75	94·17	96·34
8	92·75	91·34	90·25	90·84	87·59	86·34	87·00	87·25	86·00	88·75	94·17	96·42
9	92·75	91·59	90·09	90·59	87·59	86·25	87·17	87·17	86·09	88·50	94·17	96·42
10	92·67	91·75	90·09	90·42	87·50	86·25	87·67	87·09	86·17	88·50	94·50	96·50
11	92·50	91·92	90·00	90·25	87·50	86·17	88·17	87·00	86·84	88·42	95·84	96·75
12	92·34	91·92	89·92	90·00	87·59	86·17	88·25	87·00	86·92	88·42	96·00	96·75
13	92·17	91·92	90·00	89·75	87·59	86·09	88·17	86·92	87·17	88·59	96·00	96·84
14	92·00	93·00	90·17	89·50	87·59	86·09	88·17	86·84	88·59	88·84	95·84	96·92
15	91·92	93·09	90·34	89·25	87·67	86·09	88·17	86·84	90·00	89·34	95·50	96·09
16	91·92	93·09	90·34	89·09	87·67	86·09	88·17	86·75	86·84	89·34	94·17	95·92
17	91·92	93·09	90·42	88·92	87·67	86·17	88·17	86·75	88·00	89·42	94·17	95·59
18	91·92	93·00	90·67	88·75	87·67	86·42	88·42	86·67	88·17	90·25	94·34	95·25
19	91·92	93·00	90·67	88·59	87·67	86·59	88·67	86·59	88·59	91·17	94·59	95·25
20	91·92	92·92	90·59	88·50	87·59	86·75	88·67	86·59	88·59	91·42	94·59	95·17
21	91·92	92·84	90·67	88·50	87·50	86·92	88·67	86·42	88·17	91·25	94·50	95·17
22	92·00	92·67	90·67	88·50	87·50	87·00	88·50	86·42	89·09	91·25	94·59	95·17
23	92·00	92·50	90·75	88·50	87·34	87·17	88·42	86·25	89·50	89·50	94·42	94·50
24	91·92	92·34	90·84	88·50	87·17	87·25	88·34	86·25	87·17	89·84	94·67	93·84
25	91·75	92·17	91·00	88·42	87·09	87·34	88·25	86·34	86·84	91·00	94·92	92·34
26	91·59	92·00	91·17	88·42	87·00	87·34	88·25	86·34	87·17	92·09	95·34	91·25
27	91·42	91·84	91·17	88·42	87·00	87·25	88·17	86·17	88·17	92·17	95·59	94·34
28	91·34	91·67	91·09	88·34	86·92	87·34	88·00	86·09	88·34	92·34	94·59	95·34
29	91·25	91·50	91·09	88·34	86·75	87·34	87·84	86·09	88·67	92·50	94·42	95·34
30	91·17	91·34	91·00	88·34	86·59	87·25	87·75	86·09	88·17	92·59	.....	95·75
31	.....	91·17	.....	88·34	86·67	.....	87·67	.....	88·25	92·75	.....	95·84

Elevations above M.L.S. of Ottawa River at Lower Grenville, for 1904–05.

TABLE No. 396.

1	95·84	96·00	96·67	92·17	88·34	86·67	88·09	89·34	88·09	92·67	95·67	99·67
2	96·17	95·09	97·17	92·00	88·34	86·67	88·09	89·34	88·09	92·17	95·92	99·67
3	96·34	96·42	97·42	91·84	88·17	86·67	87·92	89·34	88·09	89·17	96·09	99·67
4	96·34	96·75	97·67	91·84	88·00	86·92	87·92	89·17	88·67	89·34	96·34	99·67
5	96·42	97·42	97·67	91·42	87·84	87·00	88·00	89·09	88·34	89·67	96·50	99·67
6	96·50	97·75	97·67	91·17	87·75	86·92	88·17	89·00	88·34	90·25	96·67	99·50
7	96·67	98·17	97·67	91·00	87·67	86·92	88·42	88·92	88·42	90·67	96·67	99·50
8	95·42	98·42	97·75	90·84	87·50	86·84	88·50	88·84	88·50	91·17	97·00	98·67
9	95·42	98·75	97·84	90·75	87·34	86·84	88·42	88·75	88·59	91·42	97·00	99·59
10	96·00	98·84	98·00	90·67	87·17	86·75	88·42	88·67	89·17	92·17	97·17	99·59
11	95·92	98·84	98·09	90·59	87·17	86·67	88·42	88·59	89·84	92·34	97·17	99·34
12	95·42	98·75	98·09	90·67	87·09	86·59	88·50	88·50	90·67	92·50	97·17	99·34
13	95·17	98·59	97·92	90·67	87·00	86·59	88·67	88·34	91·17	93·42	97·42	99·34
14	94·92	98·34	97·75	90·67	86·92	86·50	88·84	88·25	88·42	93·59	97·67	99·34
15	94·92	98·00	97·50	90·59	86·84	86·50	88·92	88·17	87·92	93·67	98·84	99·34
16	92·92	97·84	97·17	90·50	86·92	86·59	88·75	88·09	87·34	93·75	99·17	99·00
17	92·75	98·67	96·59	90·42	86·92	86·59	89·34	88·00	87·17	93·75	99·50	98·84
18	92·59	97·42	96·09	90·34	86·84	86·67	89·34	87·92	87·17	95·00	99·17	98·50
19	92·59	97·17	95·67	90·17	86·84	86·67	89·34	87·75	87·67	94·50	99·17	97·17
20	92·42	97·25	95·67	90·09	87·00	86·67	89·25	87·67	88·59	94·67	98·84	96·59
21	91·75	97·34	94·92	89·92	87·09	86·67	89·25	87·59	89·00	94·59	99·17	96·17
22	91·59	97·25	94·67	89·75	87·09	86·67	89·42	87·50	89·17	95·00	99·50	95·92
23	91·42	97·09	94·34	89·59	87·09	86·59	89·42	87·42	89·67	95·17	99·84	95·84
24	91·50	96·92	94·00	89·42	87·09	86·67	89·42	87·34	87·92	95·42	99·67	94·92
25	91·67	96·84	93·75	89·34	87·17	86·92	89·42	87·34	88·42	95·67	99·67	92·50
26	91·92	96·92	93·50	89·09	87·09	87·09	89·50	87·34	89·34	95·59	99·67	92·00
27	92·09	96·84	93·17	88·92	87·09	87·17	89·50	87·25	90·00	96·75	99·67	91·67
28	92·34	96·75	92·84	88·75	87·00	87·17	89·42	87·25	90·50	96·75	99·67	92·17
29	93·34	96·67	92·50	88·67	86·92	87·34	89·42	87·17	91·67	96·75	.....	93·42
30	94·17	96·67	92·42	88·50	86·84	87·75	89·42	87·09	92·17	97·00	.....	94·17
31	.....	96·59	.....	88·34	86·67	.....	89·42	.....	92·42	96·59	.....	95·92

SESSIONAL PAPER No. 19a

Elevations above M.L.S. of Ottawa River at Lower Grenville, for 1905–06.

TABLE No. 397.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	96·67	89·34	92·00	88·67	87·59	85·59	85·59	86·84	87·17	85·75	88·67	88·34
2	96·67	89·50	91·84	88·59	87·59	85·59	85·50	86·84	87·17	86·17	88·67	88·17
3	95·75	89·25	91·75	88·42	87·50	85·59	85·59	86·84	87·17	86·59	89·59	87·84
4	94·25	90·17	91·59	88·25	87·42	85·50	85·50	86·67	87·17	86·75	90·00	87·67
5	92·92	90·67	91·34	88·17	87·34	85·59	85·34	86·42	87·17	86·75	89·59	87·17
6	92·92	90·92	91·17	88·09	87·25	85·67	85·34	86·42	87·17	86·92	90·00	87·25
7	92·00	91·00	91·09	87·92	87·17	85·67	85·34	86·50	87·34	86·92	90·34	86·67
8	91·84	91·17	91·00	87·75	87·17	85·67	85·34	86·42	87·17	86·92	90·42	86·42
9	90·84	91·67	90·92	87·67	87·09	85·67	85·34	86·42	86·34	87·00	90·50	86·34
10	90·50	92·09	90·84	87·67	86·92	85·59	85·34	86·42	86·34	87·00	90·59	86·17
11	90·50	92·42	90·75	87·59	86·84	85·59	85·34	86·42	87·09	88·84	90·67	86·17
12	90·50	92·84	90·67	87·50	86·84	85·50	85·59	86·42	87·34	88·84	90·67	86·00
13	90·34	93·17	90·67	87·59	86·75	85·50	85·59	86·42	87·67	88·84	90·59	86·00
14	90·25	93·34	90·59	87·59	86·67	85·50	85·50	86·50	87·67	88·17	90·50	85·92
15	90·25	93·34	90·50	87·59	86·59	85·42	85·50	86·50	87·67	89·42	90·17	85·92
16	90·17	93·34	90·50	87·67	86·50	85·42	85·59	86·42	86·34	89·50	90·00	85·84
17	90·09	93·34	90·42	87·67	86·42	85·42	85·67	86·42	86·17	88·34	89·75	85·84
18	89·92	93·42	90·42	87·67	86·34	85·59	85·67	86·34	86·17	88·50	89·42	85·84
19	89·75	93·42	90·34	87·67	86·34	85·67	85·84	86·34	86·25	88·67	89·17	85·84
20	89·59	93·42	90·42	87·67	86·17	85·84	86·09	86·25	86·09	88·34	88·84	85·75
21	89·50	93·42	90·42	87·59	86·17	86·00	86·34	86·17	86·00	88·25	87·67	85·67
22	89·42	93·50	90·34	87·59	86·17	86·00	86·34	86·17	86·25	88·00	87·59	85·67
23	89·25	93·59	90·09	87·59	86·09	86·00	86·50	86·17	86·09	88·59	87·67	85·67
24	88·25	93·50	89·84	87·59	86·00	85·92	86·67	86·09	86·00	88·67	87·59	85·67
25	88·92	93·34	89·59	87·50	85·92	85·92	86·84	86·17	85·92	89·25	87·59	85·67
26	88·75	93·09	89·59	87·42	85·84	85·84	86·92	86·25	85·92	90·34	87·50	85·75
27	88·75	92·84	89·42	87·42	85·75	85·84	86·00	86·34	85·92	90·34	88·34	85·92
28	88·75	92·59	89·34	87·42	85·67	85·75	86 92	86·34	85·84	90·17	88·50	87·67
29	88·84	92·42	89·17	87·34	85·67	85·75	86·92	86·34	85·84	89·67	.....	88·17
30	89·00	92·25	88·92	87·34	85·67	85·67	86·92	86·34	85·75	89·67	.....	88·17
31	.....	92·17	.....	87·42	85·67	.....	86·92	.....	85·75	90·00	.....	88·25

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1906–07.

TABLE No. 398.

1	87·92	90·92	92·50	91·00	86·67	84·92	84·25	85·00	85·25	85·17	90·25	94·67
2	87·50	90·92	92·34	90·75	86·67	84·84	84·25	85·00	85·42	85·17	90·42	94·67
3	87·34	91·09	92·17	90·59	86·59	84·75	84·25	84·92	85·25	85·17	91·17	94·67
4	87·34	91·34	92·00	90·42	86·50	84·67	84·25	84·92	86·17	85·25	92·34	94·17
5	87·42	91·67	91·92	90·25	86·42	84·67	84·25	84·84	86·17	85·25	92·42	94·17
6	87·25	91·84	91·92	90·09	86·34	84·67	84·84	84·84	86·59	85·09	92·59	94·17
7	87·42	91·92	92·09	89·84	86·25	84·67	84·84	84·84	86·17	85·17	93·00	94·17
8	87·67	92·09	93·17	89·59	86·25	84·59	84·84	84·84	86·17	85·34	93·17	94·17
9	87·75	92·34	93·59	89·42	86·17	84·59	84·84	84·84	86·25	85·67	93·17	94·17
10	87·67	92·50	93·17	89·25	86·17	84·59	84·84	84·84	87·17	85·67	93·17	94·17
11	87·67	92·75	93·00	89·09	86·09	84·59	84·84	84·84	87·17	86·59	93·17	95·00
12	87·75	92·84	92·84	88·92	86·00	84·59	84·84	84·84	87·59	87·25	93·25	93·92
13	87·84	93·17	92·67	88·67	85·92	84·59	84·84	84·84	86·92	86·84	94·09	93·84
14	87·84	93·34	92·59	88·50	85·84	84·59	84·42	84·84	86·25	87·00	94·17	93·17
15	88·00	93·42	92·42	88·34	85·67	84·50	84·42	84·84	86·17	87·75	94·17	92·17
16	88·34	93·50	92·42	88·17	85·67	84·50	84·42	84·84	85·67	88·25	94·34	91·17
17	88·34	93·59	92·34	88·00	85·59	84·42	84·42	84·84	85·67	87·84	94·34	90·17
18	88·42	93·59	92·25	87·84	85·59	84·34	84·50	84·75	85·59	87·67	94·17	90·17
19	88·67	93·67	92·17	87·67	85·50	84·34	84·59	84·75	85·59	87·42	93·59	90·17
20	89·17	93·75	92·09	87·50	85·50	84·34	84·67	84·84	85·75	87·50	94·42	90·17
21	89·42	93·67	91·92	87·34	85·42	84·34	84·75	84·92	85·75	87·84	94·67	90·67
22	89·75	93·67	91·75	87·25	85·42	84·34	84·75	84·92	85·42	88·42	94·92	89·50
23	90·17	93·59	91·75	87·34	85·34	84·34	84·75	84·92	85·42	88·50	94·92	89·00
24	90·67	93·50	91·67	87·34	85·25	84·25	84·84	84·92	85·42	89·17	95·00	89·09
25	90·84	93·42	91·67	87·17	85·25	84·25	84·92	84·92	85·67	89·42	95·09	89·17
26	91·00	93·34	91·59	87·09	85·17	84·25	84·92	84·92	85·67	89·84	95·17	90·17
27	91·09	93·25	91·50	86·92	85·17	84·25	84·92	85·00	85·67	90·17	95·42	91·34
28	91·09	93·17	91·34	86·84	85·09	84·25	84·92	85·09	85·75	90·67	95·67	91·42
29	91·09	92·00	91·25	86·75	85·09	84·25	85·00	85·17	85·75	90·84	.....	93·25
30	90·92	91·84	91·17	86·67	85·09	84·25	85·00	85·25	85·84	91·00	.....	94·42
31	.....	91·67	.....	86·67	85·00	.....	85·00	.....	85·92	91·00	.....	95·50

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1907–08.

TABLE No. 399.

Day	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	95·67	91·42	94·00	91·34	88·34	86·09	87·50	87·34	87·84	87·84	92·00	91·67
2	95·75	92·17	93·84	91·42	88·34	86·00	87·42	87·25	87·75	88·09	92·09	91·67
3	94·84	92·34	93·75	91·42	88·25	86·00	87·34	87·17	87·67	88·17	92·09	91·75
4	93·92	92·42	93·67	91·34	88·25	86·00	87·25	87·17	87·75	88·92	92·34	91·84
5	93·42	92·50	93·59	91·17	88·25	86·00	87·25	87·34	87·84	89·42	92·42	91·84
6	93·34	92·59	93·67	91·00	88·17	86·00	87·34	87·42	87·92	89·67	92·50	91·84
7	93·17	92·67	93·67	90·84	88·17	85·92	87·34	88·34	88·00	90·00	92·59	91·75
8	92·67	92·59	93·67	90·75	88·09	85·84	87·50	89·50	88·09	89·42	92·67	91·75
9	90·84	92·42	93·59	90·67	88·09	85·75	87·42	90·09	88·17	89·42	92·75	90·67
10	90·17	92·25	93·59	90·50	88·00	85·75	87·42	90·17	88·17	90·17	92·75	91·17
11	89·67	92·09	93·50	90·34	87·84	85·84	87·42	90·17	88·17	90·25	91·42	90·17
12	89·75	92·00	93·50	90·17	87·75	85·92	87·50	90·09	88·67	90·34	91·42	90·42
13	89·84	91·84	93·59	90·00	87·67	86·00	87·59	89·67	89·34	90·84	91·42	90·09
14	89·67	91·84	93·50	89·84	87·59	86·09	87·67	89·42	90·17	91·59	91·50	89·42
15	89·67	92·00	93·50	89·75	87·42	86·17	87·67	89·25	91·34	92·09	91·50	89·42
16	89·42	92·09	93·34	89·59	87·25	86·34	87·75	89·09	91·34	92·17	91·59	90·00
17	89·42	92·34	93·17	89·50	87·09	86·42	87·84	88·92	90·17	93·17	91·59	90·42
18	90·42	92·84	93·09	89·34	87·00	86·50	87·84	88·84	89·67	93·42	91·84	90·75
19	90·75	93·34	92·84	89·25	86·84	86·59	87·75	88·67	89·42	93·50	92·00	90·75
20	89·25	93·84	92·59	89·17	86·75	86·67	87·75	88·67	89·42	93·59	92·42	90·75
21	89·00	94·50	92·42	89·09	86·67	86·75	87·75	88·59	90·00	93·59	92·92	89·42
22	88·75	94·92	92·25	89·00	86·50	86·75	87·75	88·59	90·17	90·17	93·00	89·42
23	88·50	95·09	92·00	88·84	86·50	86·92	87·75	88·34	88·50	89·34	93·09	89·42
24	88·75	95·09	91·84	88·67	86·50	87·00	87·75	88·17	87·67	89·92	93·17	89·34
25	88·84	95·00	91·67	88·67	86·25	87·17	87·67	88·17	87·59	90·59	93·17	89·34
26	89·00	94·84	91·59	88·67	86·34	87·17	87·59	88·17	87·59	91·09	93·34	89·34
27	88·92	94·59	91·42	88·59	86·34	87·17	87·59	88·17	88·17	91·09	93·42	89·34
28	88·92	94·34	91·34	88·59	86·25	87·17	87·50	88·17	88·84	91·34	92·34	89·42
29	88·92	94·59	91·34	88·50	86·17	87·25	87·50	88·09	87·67	91·50	92·00	89·50
30	89·42	94·34	91·34	88·34	86·17	87·42	87·50	88·00	87·67	91·67	.....	89·59
31	.....	94·09	.....	88·34	86·17	.....	87·84	.....	87·75	91·92	.....	89·67

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1908–09.

TABLE No. 400.

1	90·50	95·17	97·42	90·42	86·75	84·59	83·25	83·42	85·25	86·67	89·50	89·25
2	90·50	96·00	97·34	90·25	86·67	84·59	83·25	83·34	85·34	87·00	89·67	89·25
3	89·67	96·84	97·34	90·09	86·59	84·50	83·25	83·50	85·59	87·42	89·84	89·09
4	89·67	97·42	97·17	89·92	86·50	84·42	83·17	83·67	85·59	88·34	90·00	88·92
5	89·92	97·34	97·00	89·75	86·42	84·34	83·17	83·67	85·75	89·25	89·84	88·84
6	90·00	97·34	96·84	89·67	86·34	84·25	83·17	83·59	85·92	89·59	89·50	88·84
7	90·00	97·25	96·67	89·59	86·25	84·17	83·17	83·50	86·00	89·59	89·59	88·84
8	90·17	97·42	96·42	89·59	86·17	84·17	83·17	83·42	86·09	90·59	89·67	88·84
9	90·67	98·34	96·17	89·42	86·00	84·17	83·17	83·34	86·00	89·17	90·17	88·92
10	91·67	98·75	96·00	89·34	85·92	84·09	83·09	83·42	86·00	89·67	90·17	89·00
11	92·17	98·84	95·59	89·25	85·84	84·09	83·09	83·59	86·00	89·67	90·17	89·00
12	92·67	98·92	95·09	89·09	85·84	84·09	83·09	83·67	86·00	89·75	90·25	89·00
13	92·67	99·17	94·67	88·92	85·59	84·09	83·00	83·67	86·09	89·50	90·34	89·00
14	92·67	99·42	94·25	88·75	85·50	84·09	82·92	83·67	86·34	89·59	90·50	88·92
15	92·75	99·25	94·09	88·59	85·50	84·00	82·84	83·59	86·34	89·75	90·67	88·92
16	92·34	99·25	93·84	88·50	85·42	84·00	82·84	83·50	85·92	89·92	90·92	88·92
17	92·34	99·25	93·59	88·34	85·42	83·92	82·92	83·50	86·00	90·09	91·17	88·75
18	92·00	99·25	93·34	88·25	85·34	83·84	83·00	83·50	86·09	90·17	91·34	88·50
19	91·50	99·09	93·09	88·17	85·34	83·84	82·84	83·59	86·09	90·17	91·84	88·34
20	91·67	98·92	92·84	89·09	85·25	83·75	82·84	84·09	86·17	90·17	91·84	88·00
21	91·17	98·75	92·59	89·09	85·25	83·67	82·92	84·09	86·25	90·42	92·17	88·00
22	91·09	98·67	92·34	89·00	85·17	83·59	82·92	84·00	86·25	90·84	92·17	87·92
23	91·17	98·50	92·17	88·92	85·17	83·59	82·92	84·00	86·42	91·09	91·17	87·67
24	91·17	98·42	92·00	88·75	85·09	83·50	82·84	84·09	86·50	91·42	90·50	87·17
25	91·17	98·34	91·84	88·67	85·09	83·42	82·67	84·34	86·50	90·25	89·42	86·67
26	91·34	98·25	91·59	88·59	85·00	83·42	82·50	84·59	86·59	89·67	89·34	86·25
27	91·42	98·09	91·34	88·50	85·00	83·34	82·92	84·84	86·67	89·59	89·25	86·34
28	92·42	97·92	91·25	88·34	84·92	83·25	83·09	85·09	86·84	89·59	89·17	86·42
29	93·50	97·75	90·84	87·17	84·84	83·25	83·25	85·17	87·00	89·59	.....	87·09
30	94·84	97·59	90·67	87·09	84·67	83·25	83·42	85·17	87·17	89·42	.....	87·59
31	.....	97·50	.....	86·92	84·59	.....	83·42	.....	86·34	89·42	.....	87·50

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1909–10.

TABLE No. 401.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	87·50	94·34	100·09	91·25	90·75	87·50	87·50	86·84	87·59	87·67	87·75	86·67
2	87·84	94·92	99·59	91·09	90·75	87·50	87·42	86·84	87·59	87·75	87·17	86·34
3	88·50	95·59	99·17	90·92	90·59	87·42	87·34	86·92	87·59	87·84	87·09	86·34
4	89·67	95·59	98·67	90·67	90·42	87·34	87·42	86·92	87·59	88·50	87·09	86·50
5	90·34	95·34	98·17	90·50	90·17	87·34	87·50	86·92	87·67	89·34	87·17	87·17
6	91·17	94·92	97·75	90·34	89·92	87·34	87·59	86·84	87·67	90·17	87·34	87·75
7	92·42	94·75	97·42	90·25	89·75	87·34	87·59	86·84	87·67	90·25	87·67	88·42
8	92·42	94·84	97·09	90·17	89·59	87·42	87·59	86·84	87·67	90·17	88·25	88·67
9	93·17	95·42	97·09	90·09	89·42	87·50	87·50	86·84	87·59	88·17	88·25	88·75
10	94·42	95·84	96·17	89·92	89·17	87·42	87·50	86·84	87·59	88·25	87·84	88·59
11	93·59	96·92	95·84	89·75	89·00	87·42	87·42	86·92	87·50	88·34	87·84	88·25
12	92·17	97·17	95·17	89·59	88·84	87·42	87·42	86·92	87·50	88·42	88·09	87·84
13	92·00	97·84	95·00	89·42	88·67	87·50	87·34	86·92	87·50	88·59	88·17	87·42
14	92·50	98·09	94·59	89·17	88·59	87·50	87·25	86·92	87·42	89·17	88·17	87·34
15	93·75	98·17	94·34	89·00	88·42	87·50	87·17	86·84	87·34	89·67	88·25	87·17
16	93·92	98·59	93·84	88·84	88·34	87·50	87·09	86·84	87·25	90·17	88·34	86·67
17	93·92	98·92	93·50	88·84	88·34	87·59	87·00	86·84	87·17	90·59	88·42	86·67
18	93·92	99·17	93·34	88·84	88·34	87·59	86·92	87·00	87·09	90·59	88·50	86·50
19	93·92	99·59	93·25	88·75	88·34	87·59	86·92	87·00	87·09	88·50	87·84	86·42
20	94·17	99·84	93·00	88·75	88·17	87·59	86·92	87·00	87·09	88·00	88·00	86·34
21	94·42	100·09	92·92	88·67	88·09	87·59	86·92	87·09	87·09	87·42	88·34	86·92
22	94·75	100·42	92·75	88·59	88·09	87·59	86·84	87·09	87·17	87·34	88·42	86·59
23	94·50	100·42	92·59	88·50	88·09	87·59	86·84	87·42	87·34	87·50	88·25	86·50
24	94·50	100·42	92·50	88·50	87·84	87·59	86·92	87·67	87·50	87·59	88·25	88·67
25	94·50	100·42	92·34	88·67	87·75	87·67	86·92	87·42	87·59	87·67	88·34	89·34
26	94·34	100·42	92·17	88·84	87·67	87·67	87·00	87·34	87·67	87·67	88·42	89·59
27	94·17	100·50	92·00	89·34	87·59	87·59	87·00	87·34	87·92	87·50	88·59	89·42
28	94·00	100·67	91·84	89·84	87·50	87·59	87·09	87·42	87·50	87·59	86·67	89·42
29	93·92	100·59	91·67	90·34	87·50	87·50	87·00	87·50	87·50	87·59	.....	89·42
30	94·09	100·42	91·42	90·59	87·50	87·50	86·92	87·59	87·50	87·67	.....	89·59
31	.....	.....	.....	90·75	87·50	.....	86·84	.....	87·67	87·75	.....	89·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1910–11.

TABLE No. 402.

1	90·50	93·59	90·34	88·50	85·75	86·00	85·25	86·84	87·09	87·34	91·84	92·34
2	90·84	93·59	90·42	88·34	85·84	86·09	85·25	86·75	87·09	87·67	91·84	92·84
3	91·09	93·59	90·50	88·25	85·84	86·17	85·34	86·75	87·00	88·17	92·17	93·59
4	91·34	93·50	90·59	88·17	85·92	86·25	85·34	86·84	86·92	88·75	92·34	93·50
5	91·59	93·42	90·67	88·17	85·92	86·34	85·59	86·84	86·84	88·75	92·50	92·42
6	91·92	93·34	90·75	88·17	86·00	86·50	85·84	86·59	86·75	89·17	92·59	91·84
7	92·00	93·17	90·92	88·09	86·00	86·59	86·42	86·84	86·67	87·67	92·84	91·84
8	92·17	92·59	91·09	88·09	85·92	86·50	86·59	86·92	86·92	87·17	93·17	91·75
9	92·34	92·42	91·25	88·00	85·92	86·42	86·75	86·92	88·42	87·50	92·25	91·67
10	92·50	92·09	91·17	87·92	85·92	86·25	86·84	87·00	89·67	88·34	91·50	91·67
11	92·67	92·09	91·17	87·75	85·84	86·09	86·92	87·00	86·67	89·00	91·17	91·67
12	92·84	92·09	91·09	87·59	85·84	86·09	87·00	87·09	86·67	89·50	91·25	91·59
13	92·84	92·00	91·00	87·34	85·84	86·09	87·09	87·09	86·75	89·92	92·17	91·59
14	92·34	91·84	90·92	87·17	85·75	86·09	87·09	87·09	86·75	89·92	93·00	91·34
15	92·34	91·59	90·84	87·09	85·75	86·00	87·09	87·09	87·84	89·92	93·42	91·59
16	92·17	91·42	90·75	87·00	85·75	86·00	87·17	87·09	89·17	90·17	93·42	90·59
17	92·00	91·17	90·67	86·92	85·75	85·92	87·17	87·09	89·17	90·34	93·59	91·09
18	91·75	91·00	90·59	86·84	85·84	85·84	87·17	87·09	87·34	90·50	93·67	91·00
19	91·84	90·84	90·42	86·75	85·92	85·75	87·17	87·00	86·92	90·67	93·75	90·67
20	91·92	90·75	90·25	86·67	86·00	85·75	87·09	87·00	86·92	90·84	93·75	90·50
21	91·92	90·67	90·09	86·59	85·92	85·75	87·09	86·92	87·00	90·84	93·84	90·50
22	92·09	90·59	89·84	86·50	85·84	85·67	87·00	86·92	86·92	90·92	93·84	90·59
23	92·25	90·50	89·84	86·42	85·92	85·59	86·92	86·92	86·92	90·67	93·92	90·59
24	92·34	90·50	89·67	86·34	86·00	85·50	86·84	87·00	88·00	90·67	93·92	90·50
25	92·50	90·42	89·59	86·34	86·17	85·42	86·84	87·00	89·34	90·75	93·75	90·42
26	92·84	90·34	89·34	86·25	86·25	85·42	86·84	86·92	89·50	90·75	92·17	89·67
27	93·42	90·25	89·09	86·25	86·17	85·42	86·84	86·92	89·67	89·25	92·17	89·67
28	93·50	90·17	88·92	86·17	86·00	85·34	86·84	86·92	87·50	89·17	.....	89·75
29	93·59	90·25	88·67	86·17	85·92	85·34	86·92	87·00	86·84	89·00	.....	89·50
30	93·67	90·34	88·50	86·09	85·92	85·25	86·84	87·00	87·00	89·84	.....	89·50
31	.....	90·34	.....	85·92	85·92	.....	86·84	.....	87·17	91·34	.....	89·42

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1911–12.

TABLE No. 403.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	89·50	92·34	93·50	89·67	86·09	85·34	84·59	84·67	86·17	97·42	90·42	97·34
2	89·67	93·00	93·50	89·59	86·00	85·34	84·59	84·67	86·25	97·34	90·25	98·25
3	89·67	93·59	93·50	89·50	86·00	85·25	84·59	84·67	86·34	97·34	90·09	98·17
4	89·50	94·00	93·84	89·42	85·92	85·17	84·67	84·67	86·50	97·17	94·84	98·17
5	89·34	94·42	93·09	89·25	85·92	85·25	84·67	84·67	86·67	97·00	94·75	98·50
6	89·34	94·75	92·92	89·17	85·92	85·34	84·59	84·75	86·84	96·84	94·84	97·17
7	89·25	95·00	92·75	89·00	85·92	85·25	84·59	84·75	86·17	96·67	94·92	96·75
8	89·59	95·25	92·59	88·84	86·00	85·25	84·50	84·84	86·00	96·67	95·09	96·59
9	90·17	95·42	92·84	88·59	86·00	85·17	84·50	84·92	86·09	96·42	95·25	96·25
10	90·92	95·50	92·67	88·42	86·17	85·09	84·50	85·00	86·09	96·17	95·42	95·92
11	91·75	95·59	91·92	88·25	86·25	85·00	84·50	85·09	86·17	96·00	95·75	95·75
12	92·34	95·42	91·67	88·09	86·34	85·00	84·50	85·09	87·17	95·59	96·09	95·50
13	93·09	95·42	91·50	87·92	86·42	85·00	84·50	85·25	87·67	95·09	96·42	95·34
14	92·67	95·25	91·84	87·75	86·50	84·92	84·42	85·34	87·75	94·59	96·75	94·00
15	92·34	94·92	92·09	87·59	86·50	84·84	84·42	85·67	87·67	94·25	96·75	93·34
16	91·92	94·67	92·09	87·50	86·42	84·84	84·42	85·59	87·50	93·84	96·42	93·25
17	91·59	94·42	92·09	87·42	86·34	84·84	84·42	85·59	87·42	93·59	95·50	92·75
18	90·75	94·17	91·84	87·34	86·25	84·84	84·50	85·67	87·34	93·34	94·42	91·67
19	90·34	93·92	91·67	87·17	86·17	84·84	84·50	85·67	87·34	93·09	94·34	91·50
20	90·17	93·67	91·42	87·09	86·09	84·75	84·50	85·67	87·25	92·84	94·25	91·17
21	90·00	93·42	91·25	87·00	86·00	84·75	84·50	85·75	87·17	92·59	94·25	91·50
22	89·92	93·17	91·00	86·84	86·00	84·75	84·50	85·84	88·09	92·34	94·34	91·50
23	89·92	93·17	90·75	86·75	85·92	84·75	84·50	85·92	87·17	92·17	94·42	91·17
24	90·00	93·25	90·59	86·67	85·92	84·67	84·59	86·00	87·17	92·00	96·09	90·92
25	90·17	93·42	90·42	86·59	85·84	84·67	84·59	86·09	87·17	91·84	96·34	89·84
26	90·34	93·67	90·25	86·50	85·75	84·67	84·67	86·09	87·17	91·57	96·84	89·50
27	90·34	93·75	90·09	86·42	85·67	84·67	84·67	86·09	87·59	91·34	96·42	89·17
28	90·59	93·84	90·00	86·34	85·67	84·67	84·67	86·17	89·09	91·09	96·42	88·34
29	90·92	93·92	89·92	86·25	85·59	84·67	84·59	86·17	89·17	90·84	96·34	88·34
30	90·59	93·84	89·59	86·17	85·50	84·67	84·59	86·17	*	90·67	.....	88·17
31	.....	93·50	.....	86·09	85·42	.....	84·59	.....	*	90·42	.....	88·09

*Ice jam.

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1912–13.

TABLE No. 404.

1	87·63	93·38	96·92	90·67	87·09	86·25	86·21	88·38	88·30	87·71	89·59	92·54
2	87·34	93·17	96·71	90·38	87·00	86·25	86·25	88·71	88·42	87·67	90·88	93·17
3	87·25	93·09	96·42	90·17	86·92	86·25	86·17	88·67	88·55	87·46	92·71	93·38
4	86·75	92·88	96·17	89·96	86·88	86·21	86·17	88·59	88·84	87·84	93·38	93·75
5	86·67	92·79	95·88	89·84	86·84	86·25	86·09	88·59	89·05	89·92	93·13	93·54
6	86·59	92·75	95·46	89·67	86·75	86·25	85·96	88·50	89·13	91·75	93·46	93·29
7	86·75	92·75	95·34	89·46	86·67	86·25	85·96	88·92	89·92	92·00	92·75	94·34
8	90·88	92·75	95·17	89·34	86·50	86·31	85·96	90·29	90·00	92·63	92·00	94·88
9	92·21	92·67	94·88	89·25	86·54	86·38	85·92	90·96	89·92	94·13	92·50	94·50
10	92·75	92·71	94·67	89·04	86·59	86·38	85·96	91·09	88·92	91·42	93·34	94·04
11	92·67	92·79	94·38	89·00	86·67	86·42	85·88	90·96	89·17	93·67	93·34	91·88
12	93·04	92·88	94·17	88·84	86·79	86·42	85·84	90·79	89·63	92·59	94·17	90·79
13	93·42	93·09	93·96	88·71	87·04	86·38	85·92	90·63	91·54	92·13	94·79	90·17
14	93·34	93·50	93·67	88·67	87·17	86·34	85·92	90·75	89·38	92·25	93·96	89·71
15	92·96	93·50	93·38	88·59	87·21	86·34	85·92	90·96	88·79	91·71	93·67	89·88
16	92·63	93·59	93·34	88·59	87·13	86·34	85·92	90·79	88·38	90·46	93·75	91·54
17	92·42	93·92	93·25	88·50	87·00	86·34	85·88	90·50	89·12	88·84	93·88	93·29
18	92·42	94·34	93·00	88·34	86·92	86·29	85·84	90·25	90·92	88·46	93·75	93·25
19	92·71	94·67	92·79	88·42	86·92	86·17	86·00	89·92	89·21	89·42	93·67	92·38
20	92·75	94·75	92·71	88·34	86·84	86·09	86·17	89·71	89·50	90·17	94·17	92·67
21	92·79	94·84	92·75	88·17	86·67	86·17	86·29	89·38	90·42	90·54	93·13	95·54
22	92·79	94·84	92·67	88·17	86·50	86·13	86·34	89·29	90·92	91·09	93·34	96·00
23	93·63	94·79	92·50	88·09	86·42	86·13	86·42	89·17	90·88	90·46	93·71	96·17
24	93·81	94·71	92·34	87·96	86·34	86·25	86·88	88·96	90·59	90·46	93·84	96·13
25	93·84	94·96	92·21	87·84	86·34	86·34	87·38	89·09	91·54	89·59	94·13	96·67
26	93·75	95·29	91·92	87·75	86·34	86·34	87·88	88·96	92·17	89·21	93·88	96·75
27	93·67	95·46	91·71	87·54	86·59	86·34	88·17	88·80	90·21	88·88	93·92	95·92
28	93·63	95·46	91·46	87·42	86·50	86·21	88·38	88·67	90·12	90·46	93·13	94·79
29	93·46	95·67	91·17	87·38	86·42	86·09	88·42	88·55	89·71	91·96	.....	94·25
30	93·42	96·21	90·96	87·34	86·46	86·17	88·67	88·59	89·25	92·50	.....	93·79
31	.....	96·75	.....	87·25	86·34	.....	88·59	.....	88·50	90·54	.....	93·46

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1913–14.

TABLE No. 405.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	94·84	94·38	91·38	87·50	86·04	85·34	85·50	87·88	89·09	87·59	91·67	92·34
2	95·46	94·84	91·17	87·30	85·92	85·34	85·46	87·75	89·09	90·17	91·88	91·67
3	95·21	95·30	90·84	87·17	85·85	85·38	85·63	87·75	89·17	92·04	92·29	91·13
4	94·50	95·67	90·75	87·09	85·79	85·42	85·63	87·75	89·25	93·46	91·63	90·42
5	94·88	95·84	90·59	87·00	85·79	85·42	85·50	87·67	89·17	91·59	91·84	90·59
6	94·79	96·04	90·42	86·92	85·71	85·42	85·42	87·50	89·09	89·92	92·33	90·13
7	94·84	95·96	90·34	86·92	85·67	85·34	85·42	87·42	89·09	89·42	92·29	89·46
8	94·67	95·84	90·13	86·84	85·59	85·38	85·34	87·34	89·09	88·50	93·50	89·04
9	94·38	95·67	90·00	86·67	85·54	85·34	85·34	87·21	89·00	89·50	93·04	88·71
10	94·13	95·42	89·92	86·71	85·42	85·34	85·34	87·67	88·84	89·50	93·67	89·25
11	93·79	95·13	89·80	86·67	85·42	85·25	85·34	87·75	88·84	90·12	94·04	88·96
12	93·84	94·80	89·71	86·42	85·42	85·17	85·29	87·84	88·67	91·29	95·04	89·00
13	93·59	94·55	89·67	86·42	85·34	85·17	85·13	87·84	88·46	92·08	95·34	88·63
14	93·54	94·29	89·67	86·50	85·34	85·17	85·21	87·92	88·34	92·46	94·88	88·34
15	93·42	93·96	89·50	86·46	85·34	85·09	85·17	88·17	88·17	92·21	94·92	88·17
16	93·25	93·59	89·50	86·46	85·25	85·09	85·21	88·34	88·09	92·17	95·00	87·92
17	93·17	93·50	89·42	86·46	85·25	85·09	85·34	88·38	88·09	92·67	95·00	88·00
18	93·17	93·21	89·34	86·50	85·21	85·13	85·34	88·59	88·09	92·54	95·00	87·63
19	93·34	93·00	89·25	86·55	85·25	85·09	85·50	88·42	89·29	93·13	94·84	87·84
20	93·63	92·67	89·17	86·50	85·25	85·09	85·42	88·75	88·96	92·46	94·84	88·96
21	93·67	92·38	89·00	86·50	85·17	84·92	86·55	88·84	87·96	92·92	94·75	88·79
22	93·42	92·21	88·92	86·50	85·17	85·17	86·71	88·79	87·75	92·63	95·04	88·46
23	93·38	92·00	88·75	86·46	85·25	85·25	86·67	88·79	88·34	92·42	95·34	88·13
24	93·30	91·92	88·67	86·46	85·25	85·30	86·63	88·67	88·71	92·09	95·42	88·00
25	93·34	91·80	88·46	86·42	85·25	85·34	87·30	88·75	87·71	92·34	95·17	87·54
26	93·34	91·67	88·30	86·34	85·17	85·38	87·59	88·75	87·29	92·79	94·96	87·59
27	93·46	91·55	88·17	86·21	85·34	85·50	87·75	88·75	87·75	93·21	93·89	87·67
28	93·67	91·80	88·00	86·17	85·42	85·46	87·67	88·84	87·63	92·59	93·00	89·38
29	93·96	92·05	87·84	86·17	85·34	85·46	87·92	89·04	87·42	92·25	.....	90·09
30	94·17	91·92	87·67	86·17	85·38	85·46	88·00	89·00	87·34	90·75	.....	90·63
31	.....	91·67	.....	86·09	85·34	.....	87·96	.....	87·13	91·38	.....	90·59

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1914–15.

TABLE No. 406.

1	90·34	90·79	88·75	87·75	85·59	84·29	84·00	84·25	85·09	86·00	87·46	85·75
2	90·34	91·00	88·59	87·75	85·50	84·42	84·00	84·25	85·17	85·84	87·79	85·67
3	90·38	90·84	88·42	87·75	85·42	84·42	84·00	84·34	85·59	86·00	88·13	85·50
4	90·17	90·92	88·34	87·71	85·34	84·34	83·92	84·34	85·84	86·25	88·42	85·50
5	89·79	91·04	88·34	87·71	85·25	84·34	83·84	84·42	85·92	86·67	88·59	85·34
6	89·46	91·13	88·17	87·63	85·17	84·25	83·84	84·50	86·09	86·92	88·50	85·09
7	83·96	91·17	88·09	87·59	85·17	84·25	83·88	84·50	86·38	85·75	87·79	85·00
8	88·46	91·34	88·09	87·50	85·09	84·34	83·84	84·50	85·75	85·88	86·96	85·00
9	88·13	91·38	88·00	87·42	84·96	84·34	83·84	84·50	85·59	86·09	86·59	84·92
10	87·71	91·46	88·13	87·34	84·92	84·34	83·84	84·50	85·75	86·00	87·03	84·92
11	87·42	91·50	88·00	87·17	84·84	84·29	83·84	84·42	85·46	85·92	87·38	84·84
12	87·42	91·50	87·92	87·09	84·84	84·38	83·84	84·50	85·34	85·92	87·59	84·84
13	87·42	91·50	87·84	87·00	84·84	84·34	84·04	84·50	85·25	85·84	87·09	84·84
14	87·25	91·46	87·75	86·92	84·84	84·34	84·17	84·50	85·25	85·84	87·09	84·75
15	86·96	91·34	87·63	86·92	84·84	84·34	84·17	84·42	85·42	85·67	87·09	84·67
16	86·92	91·21	87·54	86·84	84·84	84·34	84·17	84·75	87·29	85·50	86·50	84·67
17	87·00	91·13	87·42	86·75	84·75	84·34	84·09	85·17	85·25	85·34	86·00	84·75
18	87·17	90·92	87·29	86·63	84·75	84·34	84·17	85·17	85·17	85·17	85·92	84·75
19	87·54	90·84	87·29	86·50	84·75	84·29	84·17	85·00	85·42	85·09	85·75	84·67
20	87·96	90·59	87·34	86·42	84·67	84·25	84·25	85·09	85·67	85·17	85·75	84·67
21	88·50	90·29	87·42	86·25	84·59	84·17	84·25	85·17	85·92	85·17	85·54	84·67
22	88·67	90·04	87·50	86·21	84·59	84·17	84·25	85·09	87·50	85·42	85·17	84·67
23	88·75	89·84	87·79	86·17	84·50	84·17	84·29	85·00	87·75	85·67	84·92	84·92
24	88·84	89·59	87·75	86·17	84·54	84·17	84·25	85·00	85·67	85·67	84·92	85·38
25	88·75	89·29	87·96	86·13	84·50	84·17	84·25	85·09	85·59	85·75	85·21	86·00
26	89·04	89·29	87·92	86·00	84·42	84·09	84·25	85·09	85·59	86·00	85·75	86·38
27	89·75	89·34	87·84	86·00	84·42	84·09	84·25	85·17	85·67	86·09	86·00	86·50
28	90·13	89·21	87·63	85·92	84·34	84·04	84·25	85·09	86·67	86·09	85·84	86·17
29	90·17	89·00	87·75	85·75	83·25	84·09	84·25	85·09	85·59	86·46	.....	86·00
30	90·63	88·96	87·81	85·75	84·42	84·04	84·25	85·00	85·59	86·79	.....	85·92
31	.....	88·75	.....	85·67	84·34	.....	84·25	.....	85·96	87·13	.....	85·67

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1870.

TABLE No. 407.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	79·70	83·70	81·95
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	79·70	83·70	81·95
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	79·70	83·70	81·70
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	79·70	83·70	81·70
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	79·70	83·70	81·70
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	79·70	83·70	81·70
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	79·70	83·20	81·53
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	79·70	83·03	81·37
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	79·70	83·03	81·37
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·20	82·70	81·03
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·20	82·37	81·12
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·20	82·20	81·12
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·70	82·37	81·12
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·70	82·37	81·20
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·70	82·37	80·87
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·70	82·20	80·70
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·78	82·20	80·53
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·78	82·03	80·37
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·87	82·03	80·20
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·87	82·12	80·20
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·95	82·20	80·20
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	80·95	82·20	80·20
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	81·70	82·20	80·03
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	82·03	82·03	79·78
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	83·20	82·03	79·70
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·12	81·95	79·70
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·20	81·95	79·70
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	84·20	81·95	79·70
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	83·70	.....	79·70
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	83·20	.....	79·78
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	83·20	.....	79·87

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1870–71.

TABLE No. 408.

1	80·20	92·37	84·53	81·20	80·20	78·87	78·37	80·45	81·03	81·20	81·78	80·70
2	80·87	92·03	84·45	80·95	80·12	78·87	78·37	80·37	81·03	81·20	81·70	80·70
3	81·37	92·03	84·28	80·78	80·12	78·87	78·28	80·53	81·03	81·20	81·78	80·70
4	82·03	91·87	84·20	80·78	79·87	78·95	78·45	80·53	81·03	81·28	81·87	80·70
5	82·53	91·45	83·95	80·70	79·87	79·03	78·45	80·70	81·03	81·28	81·95	80·53
6	82·87	91·45	83·95	80·70	79·87	78·95	78·45	80·62	80·95	81·28	81·95	80·45
7	83·37	91·03	83·70	80·62	79·78	79·03	78·37	80·62	80·78	81·53	81·95	80·45
8	84·03	90·78	83·62	80·53	79·78	79·03	78·37	80·62	80·70	81·78	81·95	80·53
9	85·03	90·37	83·37	80·87	79·70	79·37	78·37	80·87	80·70	81·87	82·03	80·70
10	85·70	90·20	83·03	80·87	79·70	79·28	78·28	81·62	80·62	81·87	82·03	80·87
11	86·45	90·20	83·03	80·78	79·70	79·12	78·28	81·70	80·28	81·95	82·03	80·87
12	87·53	89·87	82·78	80·70	79·62	79·12	78·20	81·78	80·20	81·95	82·03	80·87
13	88·87	89·37	82·87	80·78	79·78	79·12	78·20	81·78	80·20	81·95	82·03	82·12
14	89·12	89·20	82·78	80·95	79·78	79·12	78·20	81·78	80·37	81·95	81·95	82·78
15	89·28	88·70	82·87	81·03	79·70	79·03	78·20	81·95	80·53	81·78	81·95	83·12
16	89·62	88·53	82·87	80·87	79·70	78·95	78·20	81·95	80·70	81·70	81·87	83·37
17	89·95	88·20	82·70	80·78	79·62	78·87	78·20	81·95	80·95	81·70	81·78	83·45
18	89·95	87·78	82·70	80·87	79·53	78·87	78·37	81·95	81·03	81·70	81·70	83·53
19	90·20	87·70	82·62	80·87	79·53	78·87	78·70	82·03	81·12	81·70	81·70	83·62
20	90·78	87·45	82·53	80·78	79·45	78·78	78·87	81·87	81·20	81·53	82·03	83·70
21	91·37	87·03	82·45	80·70	79·37	78·78	79·03	81·87	81·20	81·20	82·03	83·53
22	91·62	86·70	82·37	80·70	79·37	78·62	79·29	81·70	81·28	81·37	82·03	83·45
23	92·53	86·53	82·12	80·70	79·28	78·53	79·20	81·53	81·37	81·37	82·03	83·45
24	91·87	86·20	81·95	80·70	79·20	78·62	79·20	81·45	81·28	81·53	82·03	83·45
25	92·28	86·20	81·78	80·62	79·20	78·53	79·37	81·28	81·28	81·53	81·87	83·12
26	92·45	85·70	81·70	80·53	79·20	78·53	79·53	81·20	81·28	81·70	80·95	82·87
27	92·28	85·45	81·70	80·28	79·20	78·62	79·62	81·20	81·20	81·70	80·70	82·87
28	92·37	85·37	81·53	80·28	79·12	78·45	80·03	81·12	81·12	81·70	80·70	82·78
29	92·37	85·12	81·37	80·20	78·95	78·45	80·20	81·03	81·20	81·78	.....	82·53
30	92·45	85·12	81·28	80·20	78·95	78·37	80·20	81·12	81·20	81·78	.....	82·45
31	.....	85·03	.....	80·20	78·82	.....	80·37	.....	81·20	81·87	.....	82·37

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1871–72.

TABLE No. 409.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	82·45	88·95	87·12	83·20	81·12	79·20	78·28	79·37	79·70	79·62	80·20	79·20
2	82·45	89·20	87·03	83·20	81·03	79·12	78·45	79·45	79·70	79·70	80·20	79·03
3	82·53	89·53	87·03	83·03	81·03	79·03	78·37	79·53	79·53	79·87	80·20	79·03
4	82·70	89·70	86·87	82·70	81·03	78·95	78·53	79·62	79·53	80·03	80·20	79·03
5	82·78	99·37	86·53	82·87	80·95	78·95	78·37	79·53	79·53	80·20	80·12	79·03
6	82·87	99·45	86·20	82·70	80·78	79·03	78·45	79·53	79·53	80·28	80·12	79·20
7	82·87	90·70	86·20	82·70	80·62	78·95	78·45	79·53	79·45	80·28	80·03	79·28
8	82·95	90·70	86·20	82·53	80·62	78·87	78·45	79·53	79·45	80·37	80·03	79·37
9	83·45	90·70	85·87	82·45	80·62	78·78	78·53	79·53	79·37	80·37	79·87	79·53
10	84·03	90·62	85·70	82·37	80·53	78·70	78·53	79·53	79·28	80·37	79·87	79·70
11	84·28	90·62	85·62	82·12	80·37	78·70	78·53	79·53	79·28	80·45	79·87	79·70
12	84·95	99·53	85·53	82·03	80·28	78·70	78·53	79·53	79·20	80·45	79·78	79·53
13	84·95	90·45	85·70	82·03	80·20	78·70	78·53	79·53	79·20	80·45	79·78	79·53
14	84·95	90·37	85·70	81·95	80·12	78·62	78·53	79·53	79·20	80·62	79·70	79·37
15	85·03	90·12	85·45	81·95	80·03	78·53	78·62	79·53	79·20	80·70	79·45	79·28
16	85·37	89·87	85·53	81·95	80·03	78·45	78·70	79·53	79·20	80·70	79·45	79·28
17	85·45	89·70	85·37	81·95	79·95	78·45	78·70	79·62	79·37	80·70	79·37	79·28
18	85·53	89·45	85·20	81·70	79·95	78·45	78·70	79·62	79·37	80·70	79·37	79·20
19	85·53	89·28	85·03	81·70	79·95	78·45	78·70	79·62	79·37	80·70	79·37	79·20
20	85·70	89·03	84·95	81·78	79·87	78·45	78·78	79·62	79·37	80·70	79·28	79·37
21	86·20	88·78	84·87	81·78	79·78	78·37	78·87	79·62	79·37	80·70	79·28	79·37
22	86·53	88·53	84·62	81·62	79·62	78·37	78·95	79·62	79·37	80·70	79·28	79·45
23	86·70	88·37	84·45	81·53	79·62	78·28	79·03	79·62	79·37	80·70	79·28	79·53
24	87·20	88·28	84·28	81·53	79·62	78·28	79·12	79·53	79·37	80·70	79·20	79·45
25	87·78	88·12	84·28	81·45	79·45	78·28	79·20	79·53	79·37	80·70	79·20	79·37
26	88·03	88·03	84·20	81·37	79·37	78·37	79·28	79·53	79·37	80·78	79·20	79·20
27	87·70	87·87	83·95	81·28	79·37	78·45	79·37	79·53	79·37	80·78	79·20	79·12
28	87·70	87·87	83·87	81·28	79·28	78·45	79·37	79·53	79·37	80·95	79·20	78·95
29	88·45	87·62	83·70	81·37	79·28	78·37	79·37	79·70	79·37	80·95	79·20	78·95
30	88·53	87·45	83·53	81·37	79·28	78·28	79·37	79·70	79·45	81·20	.....	78·87
31	.....	87·03	.....	81·28	79·28	.....	79·28	.....	79·45	81·20	.....	78·87

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1872–73.

TABLE No. 410.

1	78·87	84·70	88·20	83·37	81·20	79·62	81·62	82·45	80·70	81·20	82·62	81·62
2	78·87	85·70	88·20	83·28	81·03	79·62	81·53	82·37	80·62	81·20	81·95	80·70
3	78·87	86·20	88·12	83·20	80·95	79·62	81·45	82·28	80·62	81·37	81·78	80·20
4	78·87	86·20	88·12	83·12	80·87	79·62	81·37	82·28	80·70	81·45	81·70	80·20
5	78·78	86·70	88·12	83·03	80·78	79·70	81·37	82·20	80·78	81·62	81·70	80·28
6	78·78	87·03	88·12	83·03	80·78	79·70	81·70	82·12	81·03	81·37	81·53	80·37
7	78·95	87·45	87·95	82·95	80·70	79·78	82·20	82·03	81·20	81·20	81·45	80·28
8	79·03	87·70	87·87	82·95	80·70	79·78	82·28	81·95	81·37	81·45	81·45	80·28
9	79·37	87·95	87·78	82·87	80·62	79·87	82·37	81·87	81·45	81·37	81·78	80·20
10	79·62	88·20	87·70	82·78	80·45	79·87	82·45	81·78	82·12	81·20	81·70	80·28
11	80·03	88·45	87·45	82·70	80·37	79·87	82·37	81·70	82·12	81·20	81·37	80·37
12	80·20	88·70	87·20	82·53	80·28	79·87	82·28	81·70	82·12	81·20	81·37	80·37
13	80·70	88·95	87·12	82·45	80·20	79·87	82·20	81·70	82·12	81·20	81·37	80·37
14	80·95	89·20	87·03	82·28	80·12	79·87	82·12	81·62	82·12	81·20	81·37	80·37
15	81·20	89·45	86·87	82·20	80·12	79·95	82·20	81·62	82·12	81·45	81·28	80·53
16	81·20	89·45	86·78	82·12	80·03	80·20	82·37	81·62	82·12	81·37	81·28	80·70
17	81·20	89·70	86·70	82·12	79·95	80·45	82·45	81·62	82·12	81·53	81·20	80·70
18	81·37	89·70	86·28	82·03	79·87	80·87	82·53	81·62	82·20	81·62	81·20	80·70
19	81·53	89·70	86·12	81·95	79·87	81·20	82·53	81·53	82·37	81·62	81·37	80·78
20	81·70	89·70	85·70	81·87	79·78	81·70	82·62	81·45	82·53	81·70	81·37	80·78
21	82·20	89·70	85·45	81·70	79·70	81·78	82·62	81·37	82·53	81·70	81·37	80·78
22	82·45	89·45	85·20	81·62	80·20	81·78	82·62	81·20	82·37	81·62	81·37	80·70
23	82·70	89·20	84·95	81·45	80·03	81·70	82·62	81·12	82·20	81·70	81·45	80·70
24	83·03	89·03	84·70	81·45	79·95	81·70	82·62	81·12	82·12	81·70	81·45	80·70
25	83·12	88·70	84·62	81·45	79·87	81·78	82·53	81·03	81·70	81·70	81·45	80·70
26	83·37	88·70	84·45	81·37	79·87	81·78	82·53	80·95	81·70	81·95	81·45	80·78
27	83·70	88·53	84·20	81·37	79·70	81·70	82·62	80·95	81·62	81·95	81·37	80·78
28	83·70	88·53	83·95	81·28	79·70	81·70	82·62	80·87	81·37	82·12	81·28	80·70
29	84·12	88·53	83·87	81·28	79·62	81·70	82·62	80·87	81·28	82·20	.....	80·70
30	84·20	88·45	83·53	81·28	79·62	81·70	82·53	80·78	81·20	82·20	.....	80·45
31	.....	88·37	.....	81·28	79·62	.....	82·53	.....	81·20	82·20	.....	80·53

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1873–74.

TABLE No. 411.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	80·70	86·95	92·03	84·70	81·87	79·95	80·28	83·12	82·53	81·70	82·95	80·45
2	81·20	87·03	91·20	84·62	81·87	79·87	80·62	83·20	82·45	81·53	83·03	80·20
3	81·70	87·12	90·95	84·62	81·78	79·87	81·03	83·20	82·20	81·20	82·78	80·12
4	82·03	87·28	90·70	84·45	81·78	79·95	81·45	83·28	82·20	81·03	82·78	80·70
5	82·28	87·45	90·45	84·37	81·70	79·95	81·78	83·28	82·37	81·12	82·70	81·20
6	82·53	87·70	90·20	84·20	81·53	79·87	82·20	83·37	82·53	81·20	82·70	81·70
7	83·03	87·95	89·70	84·12	81·53	79·78	82·45	83·28	82·70	81·12	82·53	82·20
8	83·20	88·28	89·20	83·95	81·45	79·70	82·62	83·12	82·53	81·20	82·20	82·28
9	83·53	88·70	89·03	83·78	81·37	79·62	82·62	83·03	82·20	81·12	81·95	82·03
10	83·70	89·20	88·95	83·70	81·37	79·53	82·62	82·70	81·95	81·70	81·70	81·70
11	84·20	89·70	88·87	83·62	81·28	79·45	82·53	82·70	81·70	82·20	81·87	81·45
12	84·70	90·03	88·78	83·53	81·28	79·45	82·53	82·62	81·78	82·45	81·95	81·95
13	85·28	90·20	88·53	83·37	81·20	79·45	82·45	82·53	81·87	82·53	81·70	81·70
14	85·70	90·45	88·45	83·37	81·20	79·45	82·28	82·45	82·03	82·53	81·62	81·45
15	86·20	91·20	88·20	83·28	81·12	79·45	82·20	82·37	81·87	82·62	81·45	81·20
16	86·70	91·28	87·95	83·20	81·03	79·45	82·12	82·28	81·87	82·70	81·45	80·87
17	86·95	91·45	87·45	83·12	81·03	79·45	82·20	82·28	81·95	82·70	81·87	80·45
18	87·12	91·53	86·95	82·95	80·95	79·45	82·37	82·20	81·95	82·62	82·20	80·28
19	87·20	91·70	86·87	82·95	80·87	79·45	82·45	82·12	82·03	82·45	82·12	80·70
20	87·28	91·70	86·78	82·78	80·78	79·45	82·62	82·12	82·12	82·28	82·03	81·12
21	87·53	91·70	86·62	82·70	80·70	79·45	82·70	81·95	82·20	82·20	82·03	81·20
22	87·70	91·62	86·62	82·53	80·62	79·53	82·78	81·95	82·12	82·28	81·95	81·70
23	87·70	91·45	86·37	82·45	80·53	79·62	82·78	81·78	81·95	82·37	81·78	82·20
24	87·53	91·20	86·20	82·28	80·45	79·70	82·78	81·78	81·78	82·70	81·70	83·37
25	87·45	91·20	85·95	82·20	80·37	79·70	82·87	81·87	81·70	82·78	81·70	82·70
26	87·37	91·45	85·70	82·20	80·28	79·95	82·87	81·87	81·87	82·95	81·20	82·20
27	87·20	91·70	85·37	82·12	80·20	80·03	82·87	82·03	81·87	83·20	80·95	82·37
28	87·03	91·70	85·20	82·12	80·12	80·12	82·95	82·20	91·87	83·20	80·87	82·20
29	86·95	92·20	85·03	82·03	80·12	80·20	82·95	82·45	81·78	83·03	.....	81·95
30	86·87	92·20	84·95	81·95	80·03	80·28	83·03	82·70	81·95	83·03	.....	81·70
31	.....	92·03	.....	81·87	79·95	.....	83·12	.....	82·03	82·95	.....	81·70

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1874–75.

TABLE No. 412.

1	81·53	82·70	90·20	87·45	81·70	79·45	78·62	78·78	78·45	80·53	81·37	81·03
2	81·45	82·70	90·12	87·37	81·53	79·37	78·53	78·70	78·70	80·53	81·45	81·12
3	81·20	82·70	90·03	87·12	81·53	79·28	78·70	78·70	79·03	80·37	81·28	81·12
4	80·95	82·87	90·03	86·87	81·45	79·20	78·70	78·70	79·28	80·28	81·53	81·20
5	80·78	82·87	89·87	86·70	81·45	79·12	78·70	78·70	79·03	79·95	81·70	81·70
6	80·70	83·20	89·70	86·45	81·37	79·12	78·70	78·87	78·95	79·95	81·70	81·70
7	80·70	83·37	89·53	86·37	81·28	79·03	78·78	78·87	78·95	79·95	81·95	81·45
8	80·70	83·70	89·37	86·20	81·20	79·03	78·78	78·95	78·95	80·12	82·03	81·45
9	80·53	84·20	89·37	86·03	81·12	79·03	78·78	78·95	78·95	80·20	82·03	81·28
10	80·53	84·53	89·28	85·95	81·12	78·95	78·87	79·03	78·87	80·20	81·95	81·12
11	80·45	84·95	89·12	85·87	81·03	78·95	78·87	79·03	79·03	80·20	81·87	81·03
12	80·45	85·53	88·87	85·70	81·03	78·87	78·87	79·03	79·28	80·70	81·70	80·95
13	80·45	85·87	88·78	85·53	80·95	78·87	78·87	79·03	80·12	80·70	81·70	80·70
14	80·45	86·20	88·95	85·37	80·87	78·87	78·78	79·03	80·03	80·70	81·53	80·70
15	80·95	86·45	88·95	85·20	80·70	78·87	78·78	79·03	80·28	80·87	81·53	80·37
16	81·45	86·53	88·95	85·03	80·62	78·87	78·78	79·03	80·28	81·03	81·70	80·20
17	81·70	86·95	88·95	84·87	80·53	78·78	78·87	79·03	80·28	81·20	81·70	79·95
18	82·20	87·20	88·95	84·70	80·37	78·78	78·87	79·03	80·28	81·20	81·45	79·95
19	82·45	87·45	89·12	84·28	80·20	78·78	78·87	79·03	80·28	80·95	81·45	79·95
20	82·70	88·20	89·12	84·62	80·03	78·70	78·87	79·03	80·20	80·95	81·45	79·87
21	82·70	88·70	89·28	83·78	79·95	78·70	78·78	79·03	80·20	81·03	81·37	79·70
22	82·70	89·20	89·37	83·37	79·87	78·70	78·78	78·95	80·12	81·20	81·28	79·70
23	82·78	89·45	89·45	83·03	79·87	78·62	78·78	78·87	80·12	80·95	81·03	79·62
24	82·78	90·20	89·45	82·87	79·78	78·62	78·70	78·87	80·12	81·20	80·95	79·62
25	82·70	90·20	89·20	82·78	79·70	78·62	78·70	78·87	79·95	81·20	80·87	79·62
26	82·70	89·95	88·95	82·53	79·62	78·53	78·62	78·87	79·95	81·03	80·70	79·62
27	82·62	89·95	88·70	82·45	79·62	78·53	78·62	78·70	79·95	80·87	80·87	79·62
28	82·53	89·87	88·45	82·20	79·53	78·53	78·62	78·45	80·20	80·95	80·95	79·62
29	82·45	89·87	88·20	82·20	79·53	78·53	78·53	78·45	80·28	80·70	.....	79·53
30	82·45	89·87	87·87	82·20	79·45	78·53	78·62	78·20	80·28	80·70	.....	79·53
31	.....	89·87	.....	82·20	79·45	.....	78·70	.....	80·37	81·12	.....	79·53

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1875–76.

TABLE No. 413.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		83·70	89·45	83·37	81·37	.....	79·62	81·12	82·12	79·95	82·45	81·20
2		84·03	89·12	83·28	81·28	.....	79·62	81·12	81·78	79·78	82·12	80·70
3		84·12	89·03	83·20	81·20	.....	79·70	81·20	81·45	80·20	82·70	79·95
4		84·28	88·70	83·12	81·12	.....	79·78	81·20	81·53	80·95	82·28	79·95
5		84·45	88·37	82·95	80·95	.....	79·78	81·28	81·45	80·78	81·95	79·70
6		84·70	87·95	82·87	80·78	.....	79·87	81·28	81·28	80·70	82·12	79·70
7		85·20	87·62	82·78	80·70	.....	79·87	81·28	81·12	81·20	80·70	79·70
8		85·70	87·37	82·70	80·70	.....	80·03	81·28	81·12	81·70	80·45	80·20
9		86·20	87·28	82·62	80·70	.....	80·03	81·28	80·95	82·20	81·70	80·70
10		86·70	87·03	82·53	80·70	.....	80·12	81·28	80·70	82·95	80·95	80·95
11		87·20	86·70	82·45	80·70	.....	80·20	81·28	80·45	83·70	80·12	81·12
12		87·70	86·45	82·37	80·70	.....	80·28	81·28	80·20	83·95	80·20	81·20
13		88·28	86·28	82·20	80·70	.....	80·45	81·28	79·95	83·95	79·95	81·28
14		88·95	86·03	82·12	80·70	.....	80·62	81·28	80·20	83·70	81·20	81·70
15		89·70	85·78	81·95	80·95	.....	80·70	81·28	80·45	83·20	81·70	82·12
16		90·53	85·45	81·95	81·12	.....	80·87	81·28	80·53	82·70	81·45	82·45
17		91·20	85·20	81·78	81·28	.....	80·87	81·20	80·53	82·20	81·95	81·95
18		91·70	85·12	81·70	81·45	.....	80·78	81·20	80·53	81·70	81·87	81·70
19		91·95	84·95	81·62	81·45	.....	80·95	81·12	80·70	80·70	82·12	81·45
20		91·95	84·78	81·53	81·45	.....	80·95	81·12	80·70	80·95	82·12	81·20
21		91·70	84·62	81·45	81·45	.....	80·87	81·12	81·12	81·20	80·45	80·95
22		91·70	84·45	81·45	81·45	.....	80·87	81·03	80·78	81·12	80·45	80·70
23		91·53	84·12	81·45	91·45	.....	80·87	81·03	80·53	81·20	81·53	80·70
24		91·45	83·78	81·45	81·37	.....	80·87	81·03	80·95	81·20	82·20	80·20
25		91·12	83·70	81·45	81·28	.....	80·87	81·03	80·95	81·20	82·45	80·20
26		90·95	83·62	81·45	81·20	.....	80·87	81·03	81·12	81·20	82·12	80·20
27		90·87	83·62	81·53	81·12	.....	81·03	81·45	81·12	81·95	81·45	80·20
28		90·70	83·53	81·53	81·03	.....	81·03	81·70	80·95	81·70	82·12	80·12
29		90·45	83·53	81·53	80·87	.....	80·95	82·03	80·70	81·87	82·45	80·12
30		90·12	83·45	81·53	80·87	.....	80·95	82·03	80·45	82·20	.....	80·28
31		89·95	.....	81·53	80·70	.....	81·03	.....	79·70	82·28	.....	80·20

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1876-73.

TABLE No. 414.

1	89·20	89·20	93·03	86·95	82·03	79·53	.....	80·12	81·12	82·03	80·95	79·78
2	80·20	89·20	92·62	86·78	81·95	79·53	.....	80·20	81·20	82·12	80·78	79·78
3	80·12	89·45	92·20	86·53	81·87	79·53	.....	80·28	81·37	81·87	80·70	79·78
4	80·28	89·70	91·87	86·37	81·87	79·53	.....	80·45	81·20	82·20	80·45	79·78
5	80·20	89·70	91·53	86·28	81·70	79·37	.....	80·53	81·53	82·37	80·53	79·78
6	80·20	90·20	91·20	86·03	81·53	79·28	.....	80·62	81·37	82·70	80·45	79·87
7	80·12	90·62	90·87	85·87	81·37	79·20	.....	80·70	81·12	82·45	80·45	79·87
8	80·03	90·70	90·70	85·70	81·28	79·12	.....	80·87	81·70	82·20	80·37	79·95
9	80·20	92·28	90·53	85·53	81·20	79·12	.....	80·95	81·53	82·20	80·37	79·95
10	80·28	92·95	90·20	85·37	81·03	79·03	.....	81·12	81·20	82·45	80·45	80·03
11	80·45	93·87	89·87	85·28	80·95	78·95	.....	81·20	81·45	82·70	80·45	80·03
12	80·95	94·12	89·45	85·12	80·87	78·87	.....	81·20	81·70	82·95	80·28	80·03
13	81·45	94·53	89·70	85·03	80·70	78·87	.....	81·28	81·70	83·12	80·28	80·12
14	82·70	95·12	89·78	84·87	80·62	78·70	.....	81·45	81·78	82·95	80·20	80·03
15	83·28	95·78	89·70	84·70	80·45	78·78	.....	81·53	81·53	82·87	80·20	80·03
16	83·95	95·95	89·70	84·53	80·37	78·70	.....	81·45	81·53	82·70	80·12	80·03
17	85·20	95·95	89·70	84·37	80·28	78·70	.....	81·45	81·70	82·87	80·12	80·03
18	85·70	95·87	89·70	84·20	80·20	78·62	.....	81·45	81·78	82·70	79·95	80·03
19	85·95	95·62	89·70	84·03	80·12	78·62	.....	81·37	81·95	83·03	79·95	79·95
20	86·45	95·45	89·53	83·95	80·03	78·62	.....	81·37	81·87	82·95	79·95	79·95
21	86·53	95·37	89·28	83·70	79·95	78·62	.....	81·45	81·78	82·70	79·87	79·95
22	86·62	95·20	89·12	83 53	79·95	78·62	.....	81·37	81·95	82·70	79·87	79·87
23	86·95	94·95	88 95	83 37	79·95	78·62	.....	81·28	82·12	82·53	79·87	79·87
24	87·20	94·78	88·70	83·12	79·95	78·62	.....	81·28	82·20	82·62	79·87	79·78
25	87·87	94·53	88·53	82·95	79·87	78·62	.....	81·28	81·95	82·12	79·87	79·78
26	88·12	94·37	88·37	82·70	79·87	78·62	.....	81·20	81·70	81·95	79·78	79·70
27	88·28	94·20	88·12	82·53	79·87	78·70	.....	81·20	81·70	81·70	79·78	79·95
28	88·70	94·03	87·78	82·45	79·70	78·70	.....	81·12	81·70	81·20	79·78	80·03
29	88·95	93·70	87·53	82·28	79·62	78·70	.....	81·03	81·70	81·20	.....	80·20
30	89·20	93·53	87·37	82·20	79·62	78·70	.....	81·12	81·95	81·20	.....	80·45
31	.....	93·28	.....	82·12	79·53	.....	.....	.....	82·12	81·20	.....	80·45

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1877–78.

TABLE No. 415.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	80·70	85·45	83·62	81·70	80·37	79·28	78·53	79·78	82·37	82·12	81·45	79·78
2	80·78	85·45	83·53	81·70	80·37	79·20	78·62	79·78	82·37	82·45	81·70	79·87
3	80·87	85·37	83·45	81·70	80·28	79·20	78·70	79·87	82·37	82·28	81·53	79·70
4	80·95	85·28	83·28	81·70	80·20	79·20	78·70	79·87	82·45	82·12	81·37	79·62
5	81·12	85·20	83·20	81·70	80·20	79·20	78·87	79·87	82·45	82·12	81·20	79·53
6	81·28	85·12	83·03	81·62	80·12	79·20	78·87	79·95	82·53	81·95	81·03	79·53
7	81·53	84·95	82·95	81·62	79·95	79·12	78·78	80·03	82·53	81·70	80·95	79·62
8	81·78	84·70	82·78	81·45	79·87	79·12	78·70	80·12	82·70	81·37	80·78	79·70
9	81·95	84·45	82·70	81·45	79·95	79·03	78·78	80·20	82·70	81·70	80·70	79·70
10	82·03	84·37	82·53	81·45	79·87	79·03	78·78	80·37	83·03	81·45	80·70	79·95
11	82·03	84·28	82·37	81·28	79·78	79·03	78·87	80·45	83·20	81·20	80·78	80·28
12	82·03	84·20	82·28	81·20	79·78	78·95	78·95	80·53	83·12	81·45	80·87	80·70
13	82·20	84·20	82·20	81·20	79·70	78·95	79·03	80·45	83·28	81·28	80·95	80·45
14	82·20	84·20	82·20	81·12	79·78	78·87	79·03	80·28	83·20	81·70	80·95	80·70
15	82·20	84·20	82·12	80·95	79·78	78·87	79·20	80·28	82·95	81·53	80·95	80·87
16	82·28	84·20	82·03	80·87	79·78	78·87	79·28	80·37	82·45	81·70	81·03	80·95
17	82·37	84·20	82·03	80·70	79·78	78·78	79·45	80·45	82·20	81·45	81·03	81·03
18	82·45	84·20	81·95	80·78	79·78	78·78	79·53	80·70	82·20	81·28	81·03	81·12
19	82·45	84·20	81·87	80·70	79·78	78·78	79·53	80·78	84·12	81·20	81·03	81·20
20	82·95	84·20	81·87	80·70	79·87	78·78	79·62	80·78	83·70	81·12	80·95	81·12
21	83·45	84·20	81·87	80·70	79·87	78·70	79·70	80·87	83·12	80·95	80·87	81·03
22	84·28	84·20	81·95	80·70	79·78	78·70	79·78	81·03	82·95	81·20	80·87	80·87
23	84·45	84·12	81·95	80·70	79·70	78·62	79·78	81·20	82·70	81·03	80·95	80·70
24	84·62	84·12	81·95	80·62	79·62	78·62	79·87	81·37	82·20	81·20	80·87	80·70
25	84·87	84·03	81·95	80·53	79·53	78·53	79·87	81·53	82·20	81·45	80·78	80·45
26	84·95	84·03	81·87	80·53	79·45	78·53	79·87	81·87	82·20	81·70	80·78	80·45
27	85·12	84·03	81·78	80·45	79·45	78·53	79·95	82·03	82·12	81·45	80·70	80·37
28	85·45	83·95	81·70	80·53	79·37	78·53	79·87	82·28	82·12	81·53	80·53	80·28
29	85·45	83·87	81·70	80·45	79·37	78·53	79·87	82·28	81·95	82·12	.....	80·37
30	85·45	83·78	81·70	80·37	79·37	78·53	79·87	82·28	81·95	82·12	.....	80·45
31	.....	83·70	.....	80·37	79·28	.....	79·87	.....	81·95	81·95	.....	80·45

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1878–79.

TABLE No. 416.

1	80·45	83·95	83·70	82·03	80·20	79·62	81·12	85·37	84·45	85·20	81·12	82·12
2	80·70	84·12	83·70	83·03	80·28	79·62	81·12	85·37	84·45	84·70	81·20	82·20
3	80·70	84·28	83·62	82·12	80·20	79·53	81·12	85·20	84·37	84·45	81·28	82·03
4	80·45	84·70	83·45	82·12	80·03	79·45	81·12	84·95	84·53	84·12	81·20	81·95
5	80·70	84·70	83·28	82·03	80·03	79·37	81·12	84·87	84·45	84·20	81·20	82·12
6	80·87	84·87	83·28	81·95	80·12	79·37	81·12	84·70	84·20	84·28	81·12	82·20
7	80·95	85·03	83·20	81·95	80·12	79·28	81·03	84·62	84·12	84·12	81·20	81·95
8	81·20	85·28	83·20	81·78	80·20	79·28	81·03	84·62	84·37	83·95	80·95	81·87
9	81·37	85·45	83·20	81·53	80·28	79·20	80·95	84·45	84·45	83·95	81·03	81·95
10	81·53	85·70	83·28	81·45	80·28	79·20	81·03	84·37	84·70	83·70	80·95	81·70
11	81·95	85·70	83·20	81·45	80·28	79·20	81·03	84·28	84·53	83·70	81·12	81·70
12	82·20	85·70	83·12	81·37	80·28	79·20	81·12	84·20	84·37	83·20	81·28	81·70
13	82·53	85·53	83·03	81·28	80·28	79·20	81·12	84·12	84·70	83·28	81·45	81·95
14	82·95	85·45	82·95	81·12	80·28	79·12	81·20	83·95	84·95	83·95	81·70	81·87
15	83·12	85·37	82·78	81·12	80·28	79·12	81·45	83·87	85·20	83·70	81·20	81·78
16	83·20	85·28	82·70	81·03	80·28	79·12	81·53	83·87	85·20	83·45	81·45	81·70
17	83·45	85·12	82·70	80·95	80·37	79·20	81·70	83·70	85·20	83·28	81·70	81·95
18	83·53	85·12	82·70	80·95	80·45	79·20	81·95	83·70	85·20	83·20	82·20	82·12
19	83·70	85·03	82·53	80·87	80·53	79·53	82·28	83·70	85·45	82·95	81·95	81·95
20	83·70	84·95	82·45	80·87	80·45	79·95	82·45	83·70	85·45	82·53	82·45	81·95
21	83·70	84·87	82·37	80·78	80·37	80·12	82·45	83·53	85·70	82·28	82·28	82·03
22	83·70	84·87	82·28	80·78	80·28	80·45	82·95	83·37	85·70	82·20	82·12	81·95
23	83·70	84·70	82·37	80·53	80·12	80·70	83·28	83·62	85·45	82·12	81·95	81·70
24	83·70	84·70	82·28	80·53	80·03	80·95	83·45	83·95	85·45	82·03	82·20	81·87
25	83·70	84·62	82·20	80·45	79·95	81·12	83·78	84·20	85·53	82·12	82·12	81·95
26	83·70	84·45	82·20	80·37	79·87	81·20	84·12	84·28	85·70	82·03	82·28	81·53
27	83·70	84·45	82·20	80·28	79·87	81·20	84·37	84·28	85·95	81·95	82·12	81·53
28	83·70	84·37	82·20	80·20	79·78	81·12	84·70	84·37	85·45	81·70	81·95	81·70
29	83·70	84·37	82·20	80·20	79·78	81·12	84·95	84·45	85·95	81·53	.....	81·53
30	83·70	84·28	82·12	80·12	79·70	81·12	85·12	84·45	85·95	81·28	.....	81·53
31	.....	84·12	.....	80·12	79·70	.....	85·37	.....	85·53	81·20	.....	81·53

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1879–80.

TABLE No. 417.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	81·70	87·20	88·53	83·70	82·12	79·78	79·87	78·87	79·78	.....	81·95	80·20
2	81·95	87·70	88·28	83·53	81·95	79·78	79·78	78·78	79·87	.....	82·20	80·12
3	81·95	88·12	88·12	83·45	81·87	79·78	79·78	78·70	79·95	.....	82·45	80·28
4	82·20	88·28	87·95	83·28	81·70	79·70	79·70	78·62	79·87	.....	82·28	80·37
5	82·12	88·95	87·70	83·20	81·53	79·70	79·70	78·62	79·95	.....	82·12	80·45
6	82·28	89·20	87·45	83·03	81·37	79·70	79·62	78·62	80·12	.....	81·70	80·70
7	82·20	89·45	87·28	82·95	81·28	79·70	79·53	78·62	80·28	.....	81·28	80·95
8	82·20	89·37	87·12	82·87	81·20	79·70	79·53	78·62	80·45	.....	81·70	81·20
9	82·28	89·37	86·95	82·70	81·03	79·62	79·53	78·62	80·70	.....	81·45	81·28
10	82·20	89·45	86·70	82·62	80·95	79·62	79·53	78·62	80·95	.....	80·95	81·53
11	82·28	89·53	86·53	82·53	80·87	79·62	79·45	78·62	81·20	.....	80·70	81·70
12	82·28	89·53	86·37	82·53	80·70	79·62	79·45	78·62	81·45	.....	80·78	81·87
13	82·45	89·62	86·20	82·53	80·62	79·62	79·45	78·62	81·28	.....	80·45	81·70
14	82·70	89·95	86·12	82·62	80·53	79·62	79·45	78·62	81·45	.....	80·37	81·53
15	83·12	90·20	86·03	82·53	80·45	79·70	79·45	78·78	81·70	.....	80·28	81·37
16	83·20	90·45	85·95	82·45	80·45	79·78	79·37	78·95	81·78	.....	80·45	81·45
17	83·37	90·95	85·87	82·37	80·37	79·87	79·37	79·03	81·87	.....	80·70	81·20
18	83·53	91·28	85·70	82·37	80·28	79·95	79·37	79·12	82·12	.....	80·87	80·95
19	83·70	91·95	85·53	82·37	80·20	79·95	79·37	79·20	82·45	.....	80·53	80·70
20	83·95	92·20	85·45	82·37	80·20	80·03	79·28	79·28	82·70	.....	80·70	80·45
21	84·12	92·12	85·28	82·37	80·12	80·03	79·28	79·20	82·70	.....	80·95	80·45
22	84·45	91·95	85·12	82·45	80·12	80·03	79·20	79·20	82·78	.....	80·70	80·53
23	84·53	91·70	85·03	82·45	80·12	80·03	79·20	79·20	83·03	.....	80·45	80·45
24	84·70	91·45	84·95	82·45	80·12	80·03	79·20	79·12	83·20	.....	80·70	80·45
25	84·95	91·20	84·70	82·37	80·12	80·03	79·20	79·12	83·28	.....	80·95	80·28
26	85·12	90·70	84·53	82·37	80·03	79·95	79·12	79·20	83·20	.....	80·70	80·20
27	85·45	90·37	84·37	82·37	80·03	79·95	79·03	79·20	83·12	.....	80·45	80·12
28	85·95	90·20	84·12	82·37	79·95	79·95	79·03	79·37	83·20	.....	80·45	79·95
29	86·20	89·95	84·03	82·37	79·95	79·87	78·95	79·53	83·12	.....	80·28	79·95
30	86·70	89·45	83·95	82·37	79·95	79·87	78·95	79·70	83·28	.....	.....	79·95
31	.....	88·95	.....	82·37	79·87	.....	78·95	.....	83·70	.....	.....	79·95

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1880–81.

TABLE No 418.

1	80·12	88·62	90·87	85·45	82·12	79·87	79·20	81·20	83·70	82·70	82·70	80·45
2	80·28	88·70	90·78	85·20	82·03	79·87	79·20	81·20	84·20	81·20	83·20	80·78
3	80·53	88·78	90·53	85·03	81·95	79·87	79·37	81·20	84·70	80·45	84·20	80·70
4	81·45	88·87	90·28	84·78	81·87	79·87	79·53	81·03	84·20	81·20	83·95	80·95
5	82·20	89·03	90·12	84·45	81·70	79·87	79·78	81·12	83·70	81·70	83·70	81·12
6	82·70	89·12	89·95	84·37	81·53	79·87	80·03	81·20	83·12	81·95	82·95	80·95
7	84·20	89·20	89·70	84·20	81·37	79·87	80·12	81·45	83·70	82·70	81·28	81·12
8	84·70	89·45	89·53	84·03	81·20	79·87	80·20	81·78	84·20	82·70	81·45	81·20
9	84·53	89·78	89·37	83·87	81·12	79·95	80·28	82·20	83·70	83·20	81·28	80·95
10	84·45	90·20	89·28	83·70	81·03	79·95	80·37	82·95	83·95	84·45	80·95	80·70
11	84·45	90·53	89·20	83·53	81·03	79·95	80·45	84·12	83·70	82·70	80·53	80·95
12	84·45	90·95	89·12	83·45	80·95	79·95	80·53	85·20	83·45	82·95	80·70	80·70
13	84·45	91·28	89·03	83·28	80·87	79·95	80·45	85·95	82·95	82·70	80·53	80·45
14	84·45	91·53	88·95	83·12	80·87	79·87	80·37	86·28	82·70	82·20	80·70	80·28
15	84·45	91·87	88·87	83·03	80·78	79·78	80·37	86·20	82·45	83·20	80·95	80·20
16	84·53	92·12	88·70	82·87	80·70	79·70	80·45	86·20	82·20	82·70	81·20	80·20
17	84·70	92·28	88·53	82·70	80·62	79·62	80·53	86·20	82·37	82·95	81·45	80·70
18	84·95	92·45	88·37	82·53	80·53	79·62	80·62	86·20	82·70	83·20	81·37	80·95
19	85·20	92·37	88·12	82·37	80·45	79·62	80·78	86·03	82·95	82·70	81·45	81·20
20	85·53	92·20	87·87	82·37	80·45	79·53	80·95	85·70	82·70	81·70	81·70	81·45
21	85·95	92·03	87·53	82·37	80·37	79·45	80·95	85·28	82·53	81·70	81·45	81·95
22	86·20	91·95	87·28	82·37	80·28	79·45	80·95	85·12	82·45	82·20	81·70	82·28
23	86·45	91·78	87·12	82·28	80·20	79·37	81·03	84·87	82·70	82·12	81·45	82·70
24	86·78	91·70	86·87	82·28	80·12	79·28	81·03	85·12	82·53	82·20	81·70	82·45
25	87·03	91·62	86·53	82·28	80·03	79·20	81·03	84·95	82·20	82·28	82·12	82·20
26	87·53	91·53	86·28	82·20	80·03	79·20	81·12	84·70	82·70	82·20	81·45	81·70
27	87·78	91·37	86·03	82·37	80·03	79·20	81·12	84·53	83·20	82·45	80·70	81·45
28	88·03	91·20	85·95	82·28	80·03	79·20	81·12	84·20	83·70	82·70	80·20	81·20
29	88·20	91·20	85·78	82·28	79·95	79·20	81·12	83·70	83·95	82·20	.....	80·95
30	88·45	91·12	85·70	82·20	79·95	79·20	81·20	83·95	84·20	82·70	.....	80·70
31	.....	91·03	.....	82·20	79·95	.....	81·20	.....	84·20	83·20	.....	80·53

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1881–82.

TABLE No. 419.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	80·87	86·70	89·20	82·78	79·87	78·45	.....	.....	84·62	87·20	84·87	85·70
2	80·78	87·37	88·95	82·53	79·87	78·45	.....	.....	84·78	88·12	84·78	86·20
3	80·70	88·20	88·87	82·37	79·78	78·45	.....	.....	84·87	87·95	84·70	87·20
4	80·53	88·37	88·53	82·20	79·70	78·45	.....	.....	84·95	88·70	84·87	87·87
5	80·37	88·45	88·37	82·12	79·70	78·45	.....	.....	85·03	87·37	84·95	87·70
6	80·20	88·62	88·20	81·95	79·70	78·45	.....	.....	85·03	87·45	85·03	87·45
7	80·03	88·37	87·78	81·78	79·70	78·45	.....	.....	85·03	86·70	84·95	87·28
8	79·95	88·37	87·53	81·53	79·62	78·37	.....	.....	84·53	85·70	85·12	87·20
9	79·95	88·37	87·28	81·37	79·53	78·28	.....	.....	85·03	85·53	84·87	86·95
10	79·95	88·45	87·12	81·28	79·45	78·28	.....	84·53	85·20	85·45	84·70	86·95
11	79·95	88·70	86·87	81·20	79·37	78·28	.....	84·45	86·20	85·37	84·70	86·78
12	79·95	88·95	86·70	81·20	79·37	78·20	.....	84·45	86·95	85·45	84·53	86·70
13	79·95	89·12	86·45	81·03	79·28	78·12	.....	84·45	84·70	85·28	84·53	86·45
14	80·12	89·53	86·20	80·87	79·20	78·12	.....	84·45	85·20	85·45	84·62	86·37
15	80·12	89·87	85·95	80·70	79·12	78·12	.....	84·45	85·70	85·28	84·70	86·20
16	80·20	90·45	85·70	80·62	79·03	77·95	.....	84·37	86·95	85·12	84·95	86·28
17	80·20	90·87	85·45	80·53	79·03	77·95	.....	84·45	87·12	84·87	85·20	86·12
18	80·37	90·87	85·20	80·37	79·03	78·03	.....	84·95	84·95	85·45	86·45	85·95
19	80·53	90·95	84·95	80·28	78·95	78·03	.....	84·95	84·87	85·70	86·20	85·95
20	80·53	90·95	84·70	80·20	78·95	78·03	.....	84·78	84·70	86·20	86·28	85·95
21	80·70	90·87	84·45	80·20	78·95	78·03	.....	84·70	84·70	86·45	85·95	85·95
22	80·87	90·87	84·20	80·03	78·95	77·95	.....	84·70	84·70	86·28	85·45	85·95
23	81·12	90·78	83·95	79·95	78·87	77·95	.....	84·78	84·95	85·95	85·37	85·95
24	81·28	90·70	83·78	79·87	78·87	77·95	.....	84·53	84·87	86·20	85·37	85·95
25	81·53	90·45	83·53	79·95	78·78	77·95	.....	84·53	84·78	85·20	85·45	85·87
26	82·20	90·20	83·37	80·03	78·70	77·95	.....	84·53	84·70	85·28	85·45	85·70
27	82·87	89·95	83·28	80·03	78·70	77·87	.....	84·53	84·78	85·45	85·45	86·03
28	83·28	89·87	83·20	80·03	78·62	77·87	.....	84·53	84·70	85·20	85·45	86·20
29	84·70	89·70	83·12	80·03	78·62	77·87	.....	84·53	84·62	85·12	.....	86·37
30	85·70	89·53	82·95	79·95	78·62	77·87	.....	84·53	84·70	85·20	.....	86·70
31	.....	89·45	.....	79·95	78·53	.....	.....	.....	85·12	84·95	.....	86·70

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1882–83.

TABLE No. 420.

1	86·78	90·53	95·62	91·87	87·50	87·00	87·17	85·58	86·50	85·58	86·25	85·33
2	86·87	90·53	95·62	91·70	87·42	87·00	87·08	85·58	86·58	86·00	85·83	85·42
3	86·87	90·53	95·45	91·62	87·33	86·92	87·00	85·67	86·67	85·75	86·00	85·25
4	86·95	90·62	95·37	91·53	87·17	86·83	86·83	85·75	86·75	86·50	86·25	85·17
5	86·95	90·62	95·45	91·37	87·08	86·83	86·75	85·83	86·58	87·00	86·50	85·00
6	87·20	90·70	95·37	91·37	87·00	86·75	86·67	85·92	87·00	87·50	86·25	84·75
7	87·37	90·78	95·28	91·28	86·83	86·67	86·58	85·92	87·25	87·75	86·00	85·00
8	87·53	90·87	95·37	91·12	86·75	86·67	86·50	85·92	87·33	87·25	86·25	85·00
9	87·87	90·95	95·28	91·03	86·75	86·58	86·42	85·92	87·00	86·58	86·42	84·75
10	88·20	91·03	95·20	90·95	86·67	86·58	86·33	85·92	86·75	86·50	86·42	84·50
11	88·20	91·12	94·87	90·78	86·75	86·58	86·25	85·92	86·50	86·58	86·00	85·00
12	88·03	91·20	94·53	90·62	86·67	86·50	86·17	85·92	86·42	86·58	85·50	85·00
13	87·70	91·45	94·20	90·45	86·75	86·50	86·08	85·92	86·50	86·75	85·25	85·00
14	87·53	91·70	93·70	90·37	86·67	86·50	86·00	86·17	86·75	86·50	85·17	85·17
15	87·45	91·87	93·45	90·20	86·58	86·42	86·00	86·42	87·00	86·17	85·08	85·00
16	87·70	92·03	93·20	90·03	86·50	86·42	85·92	86·58	87·25	85·83	85·25	85·08
17	87·78	92·20	93·20	89·87	86·50	86·33	85·83	86·75	87·42	85·42	85·17	85·25
18	87·95	92·37	93·20	89·70	87·00	86·33	85·92	86·83	87·58	85·00	85·00	85·00
19	88·28	92·53	93·20	89·62	87·08	86·33	85·92	87·08	87·00	86·50	85·25	85·00
20	87·95	92·70	93·20	89·53	87·08	86·50	85·92	87·25	86·58	87·00	85·00	85·17
21	89·53	92·78	93·20	89·37	87·50	86·58	85·92	87·25	86·75	87·75	85·33	85·00
22	90·03	92·87	93·28	89·20	87·42	86·75	85·83	87·25	86·58	88·00	85·00	85·17
23	89·95	93·12	93·20	89·03	87·50	86·83	85·83	87·00	86·50	88·25	85·17	85·08
24	89·95	93·20	93·20	88·87	87·50	87·00	85·67	87·00	86·67	87·75	85·25	85·00
25	89·95	93·28	93·20	88·78	87·42	87·00	85·58	86·83	86·75	87·50	85·50	85·17
26	90·20	93·70	93·20	88·70	87·25	87·08	85·58	86·67	86·50	87·00	85·50	85·08
27	90·20	93·78	93·20	88·62	87·17	87·17	85·58	86·67	86·08	86·50	85·42	85·25
28	90·28	94·03	93·03	88·78	87·25	87·25	85·58	86·58	86·08	86·00	85·50	85·17
29	90·37	94·12	92·87	88·87	87·25	87·33	85·58	86·50	85·75	86·25		85·25
30	90·53	94·20	92·70	88·87	87·17	87·33	85·58	86·42	85·50	86·00		85·00
31		94·12		88·78	87·08		85·58		85·33	85·83		85·17

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1883–84.

TABLE No. 421.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	85·00	88·92	91·25	90·42	87·75	84·75	84·08	85·17	89·17	89·25	86·42	87·17
2	84·83	88·67	91·33	90·58	87·58	84·67	84·08	85·33	89·25	89·58	86·50	86·75
3	84·67	88·58	91·33	90·67	87·42	84·58	84·17	85·50	89·17	89·75	86·25	87·00
4	84·50	88·67	91·33	90·67	87·25	84·50	84·17	85·75	89·00	89·25	86·33	87·08
5	84·58	88·75	91·25	90·58	87·08	84·42	84·17	86·00	88·25	90·25	86·50	87·17
6	84·50	89·00	91·17	90·50	87·00	84·42	84·08	86·33	88·00	90·67	86·25	87·00
7	84·75	89·00	91·00	90·42	86·83	84·42	84·08	86·50	88·17	90·25	86·50	87·00
8	84·67	89·00	90·75	90·25	86·83	84·42	84·00	86·58	88·08	89·58	86·42	87·00
9	84·00	89·25	90·67	90·08	86·75	84·42	84·00	86·67	88·00	89·00	86·50	86·75
10	85·00	89·25	90·50	89·83	86·67	84·42	84·00	86·67	88·00	88·50	86·75	86·50
11	85·25	89·25	90·50	89·67	86·58	84·33	84·00	86·75	88·08	88·25	87·00	86·42
12	85·50	89·42	90·50	89·50	86·50	84·33	84·00	87·25	88·00	88·00	86·50	86·42
13	87·50	89·75	90·58	89·33	86·50	84·17	84·00	87·58	88·00	87·75	86·42	86·33
14	88·50	90·00	90·50	89·17	86·33	84·17	84·17	87·50	88·25	87·58	86·50	86·42
15	88·92	90·25	90·42	89·00	86·17	84·25	84·25	87·42	88·33	87·50	86·75	86·25
16	89·50	90·42	90·42	89·00	86·00	84·25	84·42	87·42	88·17	87·25	86·67	86·25
17	90·00	90·33	90·42	89·08	85·83	84·42	84·50	87·33	88·00	87·00	87·00	86·50
18	90·25	90·33	90·50	89·08	85·83	84·33	84·50	87·25	88·42	86·75	86·83	86·75
19	90·33	90·25	90·67	89·08	85·83	84·25	84·67	87·00	88·42	86·83	86·75	87·00
20	90·42	90·08	90·67	89·17	85·75	84·17	85·08	87·00	88·42	87·00	86·83	87·50
21	90·50	90·08	90·58	89·08	85·67	84·17	85·17	87·25	89·50	87·25	87·00	87·58
22	90·50	90·17	90·58	89·00	85·58	84·08	85·17	87·50	89·67	87·42	87·00	87·58
23	90·25	90·42	90·50	88·83	85·50	84·00	85·17	87·75	89·58	86·75	87·08	87·75
24	90·17	90·67	90·50	88·75	85·42	84·00	85·17	88·00	89·75	86·58	87·00	88·00
25	90·08	90·75	90·33	88·67	85·33	84·00	85·08	88·17	89·50	87·00	87·00	88·00
26	90·08	91·00	90·33	88·58	85·33	84·00	85·00	88·33	89·83	87·25	86·67	88·17
27	90·00	91·17	90·33	88·50	85·25	84·00	84·92	88·42	89·75	87·08	86·75	88·25
28	90·00	91·17	90·33	88·33	85·17	84·00	84·83	88·50	89·67	86·50	87·00	89·50
29	89·83	91·17	90·33	88·17	85·08	84·00	84·83	88·75	89·42	86·75	87·00	90·42
30	89·58	91·17	90·33	88·00	85·00	84·00	84·92	89·00	89·75	86·50	.....	91·00
31	.....	91·17	.....	87·92	84·92	.....	84·92	.....	89·42	86·42	.....	91·25

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1884–85.

TABLE No. 422.

1	91·00	93·33	93·42	89·33	87·58	86·08	86·00	88·17	88·00	89·33	.....	87·75
2	90·75	93·50	93·25	89·17	87·67	86·08	86·00	88·17	88·25	90·00	.....	87·67
3	90·58	94·00	93·00	89·00	88·00	86·00	86·17	88·33	88·17	90·67	.....	87·59
4	90·42	94·25	92·83	88·83	88·08	85·92	86·25	88·33	88·00	90·33	.....	87·59
5	90·25	94·42	92·67	88·67	88·25	86·00	86·25	88·33	88·33	90·00	.....	87·33
6	90·00	94·50	92·50	88·58	88·25	86·00	86·33	88·33	88·50	89·50	.....	87·25
7	90·00	94·58	92·25	88·50	88·33	86·00	86·33	88·25	88·75	89·33	.....	87·33
8	89·83	94·75	92·00	88·33	88·33	86·00	86·33	88·17	89·50	89·42	.....	87·00
9	89·67	94·83	91·83	88·17	88·42	86·00	86·42	88·17	89·33	89·50	.....	86·83
10	90·00	95·00	91·75	88·08	88·33	86·00	86·50	88·08	89·42	90·00	.....	87·08
11	90·33	95·25	91·67	88·00	88·25	86·00	86·50	88·00	89·25	89·50	.....	87·25
12	90·75	95·25	91·58	87·92	88·17	86·00	86·50	88·00	89·33	88·75	.....	87·00
13	90·58	95·25	91·50	87·75	88·08	85·92	86·50	88·00	89·33	89·50	.....	86·75
14	90·50	95·25	91·42	87·75	88·00	85·83	86·58	87·83	89·25	90·00	.....	86·67
15	90·50	95·25	91·33	87·67	87·75	85·75	86·58	87·83	89·25	90·17	.....	86·75
16	90·50	95·17	91·17	87·58	87·67	85·75	86·58	87·83	89·33	90·00	.....	87·00
17	90·75	95·17	91·00	87·50	87·50	85·67	86·58	87·83	89·83	90·58	.....	87·08
18	91·25	95·00	90·83	87·50	87·33	85·67	86·58	87·75	89·83	90·50	.....	86·75
19	91·42	95·00	90·67	87·42	87·17	85·67	86·58	87·58	89·83	90·00	.....	86·50
20	91·75	94·92	90·50	87·33	87·00	85·67	86·58	87·50	90·00	90·25	.....	86·67
21	92·00	94·92	90·33	87·25	86·83	85·67	86·58	87·42	89·83	89·75	.....	86·42
22	92·25	94·75	90·17	87·33	86·75	85·67	86·58	87·42	90·00	90·00	.....	86·25
23	92·42	94·58	90·00	87·42	86·67	85·67	86·67	87·50	90·50	89·58	.....	86·25
24	92·42	94·50	90·00	87·33	86·58	85·67	86·75	87·58	92·00	89·00	.....	86·00
25	92·50	94·50	89·83	87·25	86·58	85·67	86·83	87·67	92·25	89·25	.....	86·00
26	92·58	94·33	89·75	87·25	86·50	85·67	87·25	87·75	92·58	89·50	.....	85·75
27	92·58	94·25	89·67	87·25	86·42	85·75	87·50	87·83	92·25	89·58	.....	85·83
28	92·67	94·17	89·58	87·25	86·33	85·83	87·83	87·83	92·92	89·17	.....	85·75
29	93·00	94·00	89·50	87·25	86·25	85·83	88·00	87·83	90·00	89·25	.....	86·00
30	93·25	93·83	89·50	87·33	86·25	86·00	88·00	88·00	89·00	89·00	.....	86·00
31	.....	93·58	.....	87·42	86·25	.....	88·17	.....	89·17	89·25	.....	86·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1885–86.

TABLE No. 423.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86·00	94·50	93·67	90·92	88·67	87·00	86·58	86·25	87·00	87·17	89·42	91·25
2	86·00	94·33	93·58	90·83	88·50	87·00	86·58	86·25	87·00	87·00	89·25	92·00
3	86·00	93·83	93·50	90·75	88·25	87·00	86·58	86·25	87·00	87·00	89·00	90·75
4	86·00	93·42	93·42	90·50	88·17	87·00	86·67	86·25	87·00	86·75	88·83	89·58
5	86·00	93·33	93·33	90·42	88·17	86·83	86·67	86·42	87·25	86·75	88·42	88·00
6	86·00	92·75	93·17	90·33	88·08	86·75	86·50	86·50	87·42	87·00	88·17	88·00
7	86·08	92·83	93·08	90·33	88·00	86·67	86·58	86·58	87·50	90·00	88·25	87·83
8	86·08	93·00	93·00	90·33	88·00	86·58	86·42	86·67	87·50	90·50	88·17	87·50
9	86·17	93·50	92·75	90·25	88·00	86·67	86·25	86·67	87·17	90·58	88·00	87·42
10	86·33	93·75	92·59	90·17	87·83	86·67	86·08	86·75	87·00	91·50	87·75	87·42
11	86·50	94·00	92·25	90·17	87·83	86·67	85·83	87·00	87·17	91·50	88·08	87·08
12	86·75	94·08	92·00	90·08	87·83	86·67	85·58	87·08	87·00	92·50	87·67	87·00
13	87·08	94·17	91·83	90·08	87·83	86·67	85·42	87·25	87·00	92·50	87·75	86·75
14	87·50	94·17	91·67	90·00	87·83	86·67	85·50	87·42	87·17	91·50	87·58	86·42
15	87·75	94·17	91·50	90·00	87·75	86·67	85·67	87·50	87·08	91·25	87·50	86·17
16	88·00	94·17	91·25	90·00	87·67	86·67	85·83	87·50	87·17	91·75	87·58	86·00
17	88·58	94·25	91·00	90·00	87·58	86·67	85·83	87·50	87·00	92·00	87·75	86·00
18	89·17	94·25	91·00	90·00	87·58	86·67	85·83	87·50	87·50	91·50	87·67	85·83
19	90·25	94·25	91·00	89·92	87·58	86·67	85·83	87·58	87·75	91·75	88·00	85·83
20	91·00	94·25	91·00	89·83	87·42	86·75	85·83	87·58	88·00	92·50	88·08	85·83
21	91·50	94·25	91·00	89·75	87·50	86·75	86·08	87·58	89·00	93·00	88·00	86·00
22	92·00	94·25	91·08	89·58	87·50	86·75	86·25	87·58	88·75	93·00	88·00	86·00
23	92·59	94·25	91·08	89·50	87·50	86·83	86·33	87·58	88·75	93·25	88·17	86·00
24	93·00	94·25	91·08	89·33	87·50	86·83	86·33	87·50	88·50	93·25	88·08	86·00
25	93·25	94·17	91·08	89·25	87·50	86·75	86·33	87·42	87·75	92·42	88·17	86·00
26	93·58	94·08	91·08	89·08	87·50	86·67	86·25	87·42	87·58	92·00	88·58	86·00
27	94·25	94·08	91·08	89·00	87·50	86·67	86·25	87·33	87·25	90·00	90·00	86·00
28	95·00	93·92	91·08	88·92	87·50	86·67	86·25	87·25	87·42	89·75	90·75	86·00
29	95·58	93·75	91·00	88·92	87·42	86·67	86·25	87·17	87·17	89·75	.....	86·00
30	95·58	93·67	91·00	88·83	87·25	86·67	86·25	87·08	87·25	89·58	.....	86·00
31	.....	93·67	.....	88·83	87·17	.....	86·25	.....	87·00	89·67	.....	86·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1886–87.

TABLE No. 424.

1	86·75	95·58	90·67	89·08	87·83	86·08	86·17	86·83	86·75	88·67	87·42	87·42
2	88·25	95·50	90·59	89·00	87·83	86·08	86·17	86·75	86·75	88·75	87·33	87·17
3	88·50	95·25	90·33	88·92	87·75	86·08	86·25	86·75	86·67	89·00	87·25	87·00
4	88·75	95·00	90·25	88·92	87·75	86·08	86·25	86·67	86·58	89·00	87·42	86·75
5	89·00	94·83	90·17	88·83	87·67	86·08	86·33	86·58	86·50	89·17	87·50	86·75
6	88·75	94·75	90·08	88·83	87·67	86·08	86·33	86·58	86·50	89·17	87·42	87·00
7	88·75	94·50	90·00	88·75	87·58	86·17	86·42	86·58	86·50	89·00	87·25	87·00
8	88·50	94·33	90·00	88·67	87·50	86·17	86·50	86·50	86·42	88·75	87·50	86·75
9	88·50	94·17	90·00	88·58	87·42	86·17	86·50	86·50	86·33	89·00	87·67	86·75
10	88·50	93·83	90·00	88·50	87·33	86·17	86·50	86·50	86·25	89·00	87·42	86·75
11	88·25	93·67	90·00	88·33	87·25	86·17	86·50	86·42	86·25	88·75	87·58	86·75
12	88·00	93·42	89·83	88·17	87·08	86·08	86·50	86·42	86·33	88·67	87·67	86·58
13	89·00	93·08	89·83	88·00	87·00	86·08	86·50	86·33	86·33	88·50	87·67	86·50
14	90·00	92·83	89·83	88·00	86·83	86·08	86·50	86·25	86·42	88·75	87·50	86·50
15	91·00	92·75	89·83	88·00	86·75	86·08	86·50	86·25	86·42	88·50	87·25	86·50
16	91·75	92·67	89·75	88·00	86·75	86·08	86·50	86·25	86·42	88·50	87·00	86·33
17	92·50	92·58	89·67	88·00	86·67	86·08	86·59	86·25	86·50	88·50	87·00	86·25
18	93·00	92·33	89·58	88·00	86·58	86·08	86·58	86·25	86·50	88·58	87·25	86·00
19	93·50	92'17	89·50	88·00	86·58	86·08	86·67	86·25	86·75	88·67	87·00	86·00
20	93·75	92·00	89·50	88·00	86·58	86·08	86·75	86·25	87·00	88·75	86·75	86·00
21	94·42	92·00	89·50	88·00	86·50	86·00	86·75	86·33	87·50	89·00	86·75	85·83
22	94·83	92·00	89·50	88·00	86·42	86·00	86·83	86·42	87·75	89·00	86·75	85·83
23	95·50	91·83	89·50	88·00	86·42	86·00	86·83	86·50	88·50	88·83	87·00	85·83
24	95·67	91·83	89·50	88·00	86·33	86·09	86·83	86·58	88·50	89·00	87·25	85·83
25	95·75	91·67	89·42	88·00	86·33	86·00	86·83	86·50	88·75	88·75	87·50	85·75
26	95·58	91·50	89·33	88·00	86·33	86·00	86·83	86·58	89·00	88·50	87·00	85·67
27	95·58	91·33	89·25	88·00	86·33	86·00	86·83	86·67	88·75	88·67	87·25	85·58
28	95·58	91·33	89·25	87·92	86·25	86·00	86·83	86·75	88·75	88·75	87·25	85·58
29	95·58	91·17	89·17	87·92	86·25	86·17	87·00	86·75	88·75	88·25	.....	85·50
30	95·58	91·00	89·17	87·92	86·17	86·17	87·00	87·00	89·00	87·75	.....	85·42
31	.....	90·83	.....	87·92	86·17	.....	87·00	.....	89·00	87·00	.....	85·42

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1887–88.

TABLE No. 425.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	93·33	91·92	88·08	86·25	85·00	84·25	84·42	84·58	87·50	85·00	84·42
2	.....	93·50	91·83	88·00	86·17	85·00	84·25	84·42	84·67	87·33	85·25	84·50
3	.....	93·75	91·67	87·83	86·17	84·83	84·25	84·50	84·75	87·00	85·00	84·50
4	.....	94·42	91·58	87·83	86·08	84·83	84·25	84·42	84·75	86·83	85·00	84·50
5	.....	94·58	91·50	87·75	86·00	84·83	84·25	84·42	84·83	86·75	85·08	84·50
6	.....	94·83	91·42	87·75	86·00	84·83	84·25	84·42	84·83	86·75	84·83	84·50
7	.....	95·25	91·17	87·67	85·83	84·83	84·25	84·42	85·00	86·75	85·00	84·58
8	.....	95·83	91·00	87·67	85·75	84·83	84·25	84·42	85·00	86·83	84·75	84·50
9	.....	95·83	90·75	87·58	85·75	84·83	84·25	84·42	85·25	86·75	84·50	84·42
10	.....	96·25	90·58	87·50	85·75	84·83	84·25	84·42	85·25	86·75	84·50	84·50
11	.....	96·25	90·50	87·50	85·75	84·83	84·25	84·50	85·25	86·67	84·58	84·50
12	.....	96·25	90·42	87·50	85·75	84·75	84·25	84·50	85·25	86·58	84·75	84·50
13	.....	96·25	90·33	87·50	85·67	84·75	84·25	84·50	85·25	86·67	84·50	84·50
14	.....	96·17	90·25	87·42	85·67	84·67	84·25	84·50	85·25	86·50	84·50	84·50
15	.....	96·17	90·17	87·42	85·67	84·67	84·25	84·50	85·25	86·25	84·50	84·50
16	.....	95·92	90·00	87·42	85·58	84·67	84·25	84·50	85·33	86·00	84·58	84·42
17	.....	95·58	89·83	87·42	85·50	84·58	84·25	84·50	85·50	85·50	84·50	84·25
18	.....	95·25	89·75	87·42	85·50	84·58	84·25	84·50	85·50	85·00	84·50	84·25
19	.....	95·00	89·58	87·42	85·42	84·58	84·25	84·50	85·58	85·00	84·50	84·25
20	.....	94·92	89·33	87·42	85·42	84·50	84·25	84·50	85·67	84·83	84·50	84·50
21	.....	94·50	89·25	87·33	85·42	84·50	84·25	84·50	85·75	84·75	84·42	84·50
22	.....	94·00	89·08	87·33	85·33	84·42	84·25	84·50	85·83	84·75	84·25	84·50
23	.....	93·58	89·00	87·25	85·25	84·42	84·25	84·50	86·25	84·58	84·33	84·50
24	.....	93·25	88·83	87·08	85·17	84·42	84·25	84·50	86·50	84·75	84·33	84·50
25	.....	93·50	88·75	87·00	85·17	84·42	84·25	84·50	87·00	85·00	84·25	84·50
26	.....	92·83	88·58	86·83	85·17	84·33	84·25	84·50	87·50	85·00	84·25	84·67
27	.....	92·58	88·50	86·67	85·17	84·33	84·25	84·50	87·50	84·75	84·25	85·00
28	.....	92·33	88·42	86·50	85·17	84·33	84·25	84·50	87·42	85·00	84·25	85·00
29	.....	92·25	88·33	86·50	85·17	84·33	84·33	84·50	87·25	85·00	84·25	85·00
30	.....	92·17	88·25	86·42	85·17	84·33	84·42	84·50	87·25	85·25	.....	85·00
31	.....	92·17	.....	86·33	85·08	.....	84·42	.....	87·25	85·09	.....	85·09

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1888–89.

TABLE No. 426.

1	85·00	89·00	93·83	91·25	87·08	85·67	85·75	85·25	87·00	87·75	88·00	86·50
2	85·00	89·50	93·67	91·08	87·00	85·58	85·67	85·33	87·00	86·75	87·75	86·00
3	85·50	90·00	93·67	90·75	86·83	85·58	85·58	85·58	87·00	86·50	88·00	85·58
4	85·42	90·25	93·67	90·58	86·83	85·58	85·58	85·75	87·00	86·25	88·25	85·25
5	85·58	90·50	93·50	90·42	86·75	85·58	85·58	85·83	86·83	86·00	88·50	85·00
6	85·83	90·50	93·33	90·17	86·58	85·50	85·58	86·00	86·75	86·00	88·75	85·00
7	86·00	90·50	93·17	89·83	86·58	85·50	85·58	86·25	86·58	85·75	88·75	85·00
8	86·00	90·58	93·00	89·58	86·50	85·50	85·58	86·50	86·42	85·58	88·42	85·00
9	86·25	90·75	92·83	89·42	86·42	85·50	85·50	86·75	86·25	85·50	87·83	85·00
10	86·50	90·83	92·83	89·25	86·33	85·50	85·42	87·25	86·00	85·50	87·83	85·25
11	86·50	91·25	92·75	89·08	86·25	85·50	85·33	88·00	86·00	85·50	87·83	85·42
12	87·00	91·83	92·58	89·00	86·25	85·42	85·33	88·25	86·00	85·67	87·83	85·50
13	87·00	92·50	92·58	88·83	86·17	85·42	85·25	88·08	87·75	85·75	87·58	85·42
14	87·25	93·00	92·58	88·67	86·00	85·33	85·25	87·83	88·50	86·00	87·67	85·42
15	87·08	93·50	92·67	88·50	86·00	85·33	85·17	87·75	90·00	86·00	87·75	85·00
16	87·00	94·25	92·75	88·33	86·00	85·42	85·17	87·67	88·42	86·50	87·67	85·00
17	87·00	95·00	92·83	88·25	86·00	85·42	85·25	87·58	87·75	86·75	87·67	85·00
18	87·00	95·25	92·92	88·25	85·83	85·50	85·17	87·50	86·50	87·00	87·50	85·00
19	87·50	95·50	93·00	88·25	85·83	85·50	85·17	87·42	86·25	87·75	87·33	85·00
20	87·50	95·50	92·92	88·17	85·75	85·58	85·17	87·25	86·25	89·00	87·25	85·00
21	87·50	95·67	92·92	88·00	85·75	85·67	85·17	87·00	86·25	89·00	87·25	85·00
22	87·50	95·67	92·83	87·92	85·75	85·75	85·17	87·00	86·00	88·75	87·00	85·25
23	87·50	95·42	92·75	87·83	85·75	.....	85·08	87·00	86·00	88·75	87·00	85·50
24	87·50	95·17	92·58	87·83	85·75	.....	85·08	87·00	86·00	89·00	86·75	86·00
25	87·50	95·00	92·50	87·67	85·75	.....	85·00	87·00	86·00	89·00	87·00	86·33
26	87·25	94·83	92·33	87·67	85·75	.....	85·00	87·00	86·00	89·00	87·50	86·50
27	87·25	94·67	92·17	87·50	85·75	.....	85·00	87·00	86·00	88·75	87·50	86·50
28	87·58	94·50	91·83	87·42	85·75	.....	85·08	87·00	87·00	88·00	87·25	86·50
29	87·58	94·33	91·75	87·42	85·75	.....	85·17	87·00	87·00	87·75	.....	86·00
30	87·58	94·33	91·58	87·33	85·75	.....	85·17	87·00	87·00	88·00	.....	86·00
31	.....	94·17	.....	87·25	85·75	.....	85·17	.....	87·00	88·00	.....	86·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1889–90.

TABLE No. 427.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86·00	92·00	89·75	91·25	88·42	87·00	85·42	85·42	.....	87·75	88·50	88·00
2	86·00	92·00	90·25	91·00	88·33	86·92	85·42	85·33	.....	88·00	88·42	87·75
3	86·00	92·50	90·75	91·00	88·33	86·92	85·42	85·33	.....	88·00	88·50	87·75
4	86·00	92·50	91·25	90·83	88·25	86·83	85·42	85·33	.....	88·50	88·75	87·67
5	86·00	92·50	92·00	90·75	88·25	86·83	85·42	85·33	.....	88·50	88·50	87·75
6	86·50	92·42	92·50	90·67	88·17	86·83	85·50	85·33	.....	88·75	88·42	87·50
7	86·75	92·25	93·00	90·50	88·08	86·83	85·50	85·33	.....	89·00	88·00	87·50
8	87·00	92·08	93·25	90·25	88·00	86·75	85·50	85·33	.....	89·00	88·25	87·42
9	87·00	91·83	93·25	90·00	87·83	86·75	85·58	85·33	.....	90·00	88·25	87·42
10	87·25	91·67	93·25	89·75	87·75	86·75	85·58	85·33	.....	90·42	88·42	87·42
11	87·25	91·50	93·25	89·58	87·67	86·67	85·67	85·33	.....	90·75	88·17	87·25
12	87·33	91·33	93·25	89·58	87·67	86·58	85·75	85·33	.....	91·00	88·00	87·25
13	87·42	91·25	93·00	89·58	86·58	86·50	85·75	85·33	.....	91·50	88·00	87·25
14	87·50	91·08	92·75	89·58	87·50	86·42	85·75	85·33	.....	92·42	88·00	87·17
15	87·50	91·00	92·50	89·50	87·42	86·33	85·83	85·33	.....	92·50	88·00	87·00
16	87·75	91·00	92·25	89·50	87·42	86·25	86·00	85·42	.....	92·75	88·00	87·00
17	87·75	91·00	92·00	89·42	87·33	86·17	86·00	85·42	.....	92·00	88·08	87·00
18	87·75	90·83	91·75	89·33	87·25	86·08	85·83	85·50	.....	91·50	88·08	87·00
19	88·00	90·67	91·67	89·33	87·17	86·00	85·75	85·67	.....	92·00	88·17	87·00
20	88·42	90·50	91·67	89·25	87·17	85·83	85·67	85·75	.....	92·50	88·00	87·00
21	88·67	90·33	91·67	89·25	87·17	85·75	85·58	85·83	.....	92·75	88·00	87·00
22	88·83	90·17	91·58	89·17	87·17	85·67	85·50	86·00	.....	92·75	88·00	87·00
23	89·00	90·08	91·50	89·08	87·17	85·58	85·50	86·17	.....	93·00	88·00	87·00
24	89·33	90·00	91·42	89·00	87·17	85·50	85·42	86·17	.....	93·00	88·00	87·00
25	90·00	89·83	91·50	89·00	87·08	85·42	85·42	86·25	.....	93·00	88·00	87·00
26	90·25	89·75	91·50	88·83	87·08	85·42	85·42	86·25	.....	91·75	88·00	87·00
27	90·50	89·67	91·50	88·75	87·00	85·42	85·42	86·17	.....	90·00	88·00	87·00
28	91·00	89·58	91·50	88·67	87·00	85·42	85·42	86·17	.....	89·25	88·00	87·00
29	91·50	89·50	91·50	88·58	87·00	85·42	85·42	86·17	.....	88·58	.....	87·00
30	91·75	89·50	91·50	88·58	87·00	85·42	85·42	86·17	.....	88·50	.....	87·00
31	.....	89·50	.....	88·50	87·00	.....	85·42	.....	.....	88·50	.....	87·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1890–91.

TABLE No. 428.

1	87·08	92·00	94·50	91·83	88·17	87·50	86·58	86·33	85·67	86·50	88·50	86·83
2	87·25	92·17	94·58	91·67	88·08	87·50	86·58	86·33	85·50	86·50	85·50	86·83
3	87·50	92·25	94·50	91·50	88·08	87·50	86·50	86·33	85·50	86·50	85·42	86·75
4	87·58	92·33	94·50	91·25	88·00	87·59	86·50	86·33	85·50	86·50	85·42	86·58
5	87·75	92·50	94·33	91·00	88·00	87·50	86·42	86·33	85·50	86·50	85·42	86·50
6	88·17	92·67	94·25	90·83	88·00	87·58	86·42	86·33	85·50	86·42	85·42	86·50
7	88·25	93·00	94·08	90·67	88·00	87·58	86·42	86·42	85·50	86·50	85·33	86·25
8	88·50	93·17	94·00	90·50	88·00	87·75	86·42	86·42	85·67	86·25	85·33	86·25
9	88·75	93·25	93·92	90·33	88·00	87·67	86·42	86·50	85·75	86·25	85·33	86·25
10	89·00	93·33	93·83	90·17	87·92	87·58	86·50	86·42	85·75	86·42	85·33	86·50
11	89·42	93·50	93·67	90·00	87·83	87·58	86·50	86·42	85·75	86·42	85·25	86·58
12	89·75	93·50	93·50	89·83	87·75	87·50	86·50	86·33	85·67	86·50	85·25	87·00
13	90·00	93·50	93·58	89·67	87·67	87·50	86·50	86·25	85·75	86·67	85·25	87·25
14	90·25	93·42	93·75	89·50	87·58	87·50	86·42	86·25	85·75	86·67	85·25	87·25
15	90·75	93·33	94·00	89·42	87·50	87·50	86·42	86·25	85·75	86·75	85·25	87·33
16	91·00	93·25	91·25	89·25	87·42	87·50	86·42	86·25	86·00	86·75	85·25	87·42
17	91·25	93·17	94·42	89·25	87·42	87·50	86·42	86·25	86·00	86·50	85·25	87·42
18	91·50	92·92	94·42	89·25	87·33	87·50	86·42	86·25	86·00	86·50	85·25	87·50
19	91·50	92·92	94·08	89·25	87·33	87·33	86·42	86·25	86·00	86·33	85·25	87·50
20	91·33	93·17	93·75	89·17	87·25	87·33	86·42	86·25	86·00	86·17	85·25	87·50
21	91·25	93·17	93·50	89·08	87·25	87·25	86·42	86·25	86·00	86·00	85·00	88·00
22	91·25	93·25	93·25	89·00	87·25	87·17	86·42	86·17	86·00	86·00	85·00	88·00
23	91·17	93·33	93·00	88·83	87·33	87·08	86·42	86·00	86·17	86·00	85·00	88·25
24	91·33	93·42	92·83	88·75	87·42	87·00	86·42	86·00	86·25	86·00	85·00	88·42
25	91·42	93·50	92·67	88·75	87·50	86·83	86·42	86·00	86·42	86·00	85·00	88·50
26	91·50	93·67	92·50	88·83	87·58	86·83	86·42	86·00	86·42	86·00	85·25	88·75
27	91·58	93·75	92·33	88·75	87·58	86·75	86·33	85·75	86·42	86·00	85·25	89·00
28	91·75	93·83	92·17	88·67	87·50	86·75	86·33	85·75	86·42	86·00	85·25	89·25
29	91·83	94·00	92·00	88·58	87·50	86·67	86·33	85·75	86·33	85·75	.....	89·50
30	91·83	94·25	92·00	88·42	87·50	86·67	86·33	85·75	86·42	85·50	.....	89·75
31	.....	94·33	.....	88·33	87·50	.....	86·33	.....	86·50	85·50	.....	89·75

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1891–92.

TABLE No. 429.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	90·00	94·25	91·00	87·67	88·00	87·00	86·00	86·00	89·25	90·00	87·50	86·33
2	90·00	94·25	90·75	87·50	88·08	87·00	86·00	86·00	89·25	91·00	87·00	86·25
3	90·00	94·25	90·58	87·42	88·08	87·00	86·00	86·00	89·00	90·00	86·75	86·17
4	90·00	94·25	90·42	87·33	88·08	87·00	86·00	86·00	89·00	89·00	86·75	86·00
5	89·92	94·17	90·25	87·25	88·08	87·00	86·00	85·83	89·50	88·50	86·67	86·00
6	89·67	94·08	90·17	87·17	88·00	87·00	86·00	85·83	89·50	90·00	86·50	85·75
7	89·50	94·00	90·08	87·17	87·83	87·00	86·08	85·83	89·42	89·25	86·50	85·50
8	89·33	94·00	90·00	87·08	87·75	87·00	86·17	85·83	89·33	88·50	86·50	85·50
9	89·08	94·00	89·83	87·08	87·67	86·92	86·17	85·75	89·25	88·00	86·50	85·25
10	89·00	94·00	89·67	87·00	87·50	86·83	86·25	85·75	89·17	88·25	86·50	85·42
11	89·17	94·00	89·50	87·00	87·42	86·83	86·25	85·83	89·17	88·25	86·50	85·67
12	89·50	93·83	89·33	87·00	87·33	86·75	86·25	85·83	89·08	88·00	86·50	85·67
13	89·75	93·75	89·17	87·00	87·33	86·75	86·17	85·83	89·00	88·25	86·50	86·00
14	90·17	93·67	89·00	87·00	87·25	86·67	86·17	86·00	88·50	88·17	86·50	86·00
15	90·33	93·50	89·00	87·00	87·25	86·67	86·00	86·08	88·25	88·25	86·42	86·00
16	90·50	93·33	88·83	87·00	87·17	86·58	86·00	86·17	88·25	88·00	86·33	85·75
17	90·67	93·17	88·67	87·00	87·08	86·50	86·00	86·25	88·00	88·25	86·50	85·50
18	90·75	93·00	88·50	87·17	87·00	86·50	86·00	86·33	89·00	88·00	86·50	85·50
19	91·00	92·83	88·50	87·25	87·00	86·50	86·00	86·42	88·75	87·75	86·50	85·42
20	91·17	92·75	88·33	87·50	87·00	86·42	86·00	86·67	88·50	87·75	86·50	85·42
21	91·50	92·67	88·25	87·50	87·00	86·33	86·00	86·83	88·25	88·00	86·42	85·42
22	92·17	92·50	88·17	87·67	87·00	86·33	86·00	87·00	88·00	87·75	86·50	85·42
23	92·83	92·33	88·17	87·75	87·00	86·25	86·00	87·25	88·00	87·50	86·50	85·17
24	93·42	92·17	88·08	88·00	87·00	86·25	86·00	88·00	88·00	87·50	86·42	85·00
25	91·00	92·00	88·08	88·00	86·83	86·25	86·08	87·83	88·00	87·50	86·42	85·00
26	91·42	91·83	87·83	88·00	86·83	86·17	86·17	87·83	88·00	87·50	86·50	85·00
27	94·58	91·67	87·83	88·00	86·83	86·17	86·08	88·50	88·17	88·50	86·50	85·00
28	94·50	91·50	87·83	88·00	86·83	86·17	86·00	89·50	88·17	88·50	86·50	85·00
29	94·50	91·42	87·83	88·00	86·83	86·17	86·00	89·50	89·50	88·25	86·50	85·00
30	94·42	91·33	87·83	88·00	87·00	86·17	86·00	89·50	89·50	88·00	.....	85·00
31	.....	91·25	.....	88·00	87·00	.....	86·00	.....	89·50	88·00	.....	85·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1892–93.

TABLE No. 430.

1	85·50	88·50	89·08	90·00	87·08	87·33	86·67	86·08	88·08	.....	85·42	85·17
2	86·00	88·75	89·08	89·83	87·00	87·17	86·67	86·08	88·08	.....	85·33	85·25
3	86·75	88·83	89·08	89·75	87·00	87·00	86·67	86·17	88·25	.....	85·25	85·25
4	88·00	89·00	89·17	89·67	86·83	86·92	86·67	86·17	88·17	.....	85·17	85·50
5	88·67	89·17	89·17	89·50	86·83	86·75	86·67	86·33	88·00	.....	85·17	85·50
6	89·00	89·17	89·25	89·33	87·00	86·67	86·67	86·42	87·75	.....	85·08	85·50
7	90·00	89·25	89·33	89·17	87·00	86·50	86·67	86·42	87·67	.....	85·00	85·50
8	90·25	89·25	89·42	89·08	87·17	86·42	86·67	86·42	87·58	.....	85·00	85·50
9	90·25	89·25	89·50	89·00	87·25	86·35	86·67	86·50	87·50	.....	85·00	85·50
10	90·25	89·25	89·50	88·83	87·35	86·25	86·67	86·50	87·33	.....	85·00	85·50
11	90·00	89·25	89·33	88·75	87·42	86·08	86·58	86·50	87·33	.....	85·00	85·50
12	89·75	89·25	89·17	88·67	87·42	86·00	86·58	86·50	87·25	.....	85·00	85·50
13	89·50	89·25	89·00	88·67	87·42	86·06	86·50	86·50	87·25	.....	85·00	85·50
14	89·25	89·25	89·00	88·58	87·58	86·00	86·50	86·50	87·25	.....	85·00	85·50
15	89·00	89·25	89·00	88·50	87·67	86·00	86·50	86·50	87·25	.....	85·00	85·58
16	88·75	89·25	88·83	88·50	87·67	86·00	86·50	86·50	87·33	.....	85·00	85·58
17	88·58	89·25	89·00	88·42	87·75	86·00	86·42	86·58	87·25	.....	85·08	85·58
18	88·42	89·25	89·42	88·25	87·75	86·08	86·33	87·42	87·25	.....	85·00	85·75
19	88·25	89·25	89·75	88·00	87·67	86·17	86·17	88·00	87·50	.....	85·00	85·75
20	88·08	89·25	90·00	88·00	87·75	86·17	86·08	88·33	88·00	.....	85·00	85·75
21	83·00	89·25	90·00	87·83	87·75	86·17	86·00	88·58	87·50	.....	85·00	86·00
22	87·83	89·25	90·00	87·75	87·67	86·17	86·00	88·75	88·00	.....	85·00	86·00
23	87·83	89·25	90·25	87·67	87·67	86·25	86·00	88·75	89·00	.....	85·17	86·17
24	87·83	89·25	90·25	87·58	87·58	86·33	86·00	88·67	89·75	.....	85·17	86·25
25	88·00	89·33	90·25	87·50	87·58	86·42	86·00	88·58	90·25	.....	85·00	86·25
26	88·00	89·33	90·25	87·50	87·58	86·50	86·00	88·50	90·50	.....	85·00	86·25
27	88·00	89·33	90·25	87·42	87·50	86·58	86·00	88·42	90·50	.....	85·00	86·42
28	88·08	89·33	90·25	87·33	87·42	86·67	86·00	88·33	88·75	.....	85·00	86·42
29	88·50	89·25	90·25	87·25	87·42	86·67	86·00	88·25	87·00	.....	.....	86·50
30	88·50	89·25	90·25	87·25	87·42	86·75	86·00	88·17	86·75	.....	.....	86·50
31	.....	89·25	.....	87·17	87·42	.....	86·00	.....	86·75	.....	.....	86·50

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1893–94.

TABLE No. 431.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86·75	89·83	94·75	90·58	88·00	88·67	86·42	87·25	86·75	87·58	86·50	86·25
2	87·00	90·00	94·67	90·42	88·00	88·42	86·50	87·25	86·67	87·50	86·50	86·00
3	87·25	90·08	94·50	90·25	88·00	88·00	86·50	87·25	86·75	87·42	86·75	86·00
4	87·42	90·42	94·50	90·08	88·00	87·58	86·50	87·25	86·83	87·50	87·00	86·00
5	87·50	92·50	94·33	90·00	87·92	87·42	86·50	87·25	86·83	87·50	87·00	86·42
6	87·58	93·25	94·17	89·83	87·92	87·17	86·50	87·25	87·00	87·50	87·00	86·42
7	87·58	93·75	94·00	89·75	87·75	87·08	86·50	87·25	88·00	87·50	87·00	86·17
8	87·67	93·75	94·00	89·58	87·67	87·00	86·58	87·25	88·08	87·50	87·00	87·75
9	87·67	94·00	93·83	89·50	87·67	87·00	86·58	87·25	87·00	87·42	87·00	88·00
10	88·25	94·00	93·67	89·42	87·58	86·83	86·58	87·25	86·00	87·58	86·58	88·42
11	88·50	94·00	93·42	89·33	87·50	86·75	86·58	87·25	86·00	87·50	86·33	88·75
12	88·67	94·00	93·25	89·33	87·42	86·67	86·58	87·17	87·25	87·50	86·25	89·50
13	88·83	94·00	93·08	89·25	87·33	86·67	86·58	87·08	87·50	87·50	86·00	89·75
14	89·00	94·25	93·08	89·25	87·17	86·58	86·67	87·08	88·00	87·50	86·00	90·00
15	89·00	94·25	92·83	89·25	87·08	86·58	86·67	87·00	88·00	87·50	85·75	89·83
16	89·17	94·50	92·58	89·33	87·00	86·50	86·67	87·00	89·00	87·50	85·75	89·67
17	89·33	94·83	92·33	89·17	87·00	86·50	86·67	87·00	88·25	87·42	85·75	89·42
18	89·50	96·25	92·17	89·08	87·00	86·50	86·75	86·83	89·00	87·42	85·75	89·25
19	89·25	96·50	91·92	89·00	87·00	86·50	86·75	86·83	89·00	87·33	85·75	89·58
20	89·17	96·83	91·83	88·83	87·00	86·42	86·83	86·83	89·00	87·42	85·75	90·00
21	89·50	97·25	91·67	88·67	87·08	86·42	86·83	86·75	89·25	87·33	86·00	90·50
22	89·67	97·25	91·50	88·58	87·08	86·42	87·00	86·75	90·00	87·25	86·25	90·33
23	90·00	97·00	91·33	88·50	87·00	86·42	87·00	86·75	90·75	87·17	86·33	90·08
24	90·25	96·75	91·25	88·42	87·00	86·42	87·00	86·75	88·75	87·25	86·50	89·83
25	90·50	96·42	91·17	88·33	87·00	86·42	87·00	86·75	87·50	87·00	86·50	89·67
26	90·42	96·00	91·00	88·33	87·00	86·42	87·00	86·75	88·00	86·75	86·50	89·67
27	90·33	95·75	90·92	88·25	87·00	86·42	87·08	86·75	87·50	86·75	86·50	89·50
28	90·25	95·50	90·83	88·25	87·00	86·42	87·08	86·83	87·50	86·67	86·50	89·25
29	90·00	95·25	90·83	88·17	88·00	86·42	87·17	86·83	87·33	86·59	.....	89·00
30	90·00	95·17	90·75	88·08	89·00	86·42	87·25	86·83	87·50	86·50	.....	89·00
31	.....	95·00	.....	88·00	89·00	.....	87·25	.....	87·50	86·50	.....	89·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1894–95.

TABLE No. 432.

1	89·00	94·67	91·75	90·00	87·08	85·83	85·50	87·17	87·42	88·00	88·50	86·25
2	89·00	94·67	92·00	90·08	87·00	85·58	85·50	87·17	87·50	88·50	88·50	86·25
2	89·00	94·83	92·25	90·17	86·83	85·42	85·50	87·33	87·50	88·75	88·25	86·17
4	89·00	95·00	92·50	90·08	86·67	85·33	85·58	87·58	87·00	89·50	88·00	86·17
5	89·00	95·00	92·50	90·00	86·67	85·25	85·58	87·67	87·17	90·50	88·00	86·08
6	89·00	95·00	92·25	89·75	86·67	85·25	85·67	87·83	87·25	90·00	87·75	86·08
7	89·00	95·00	92·00	89·67	86·58	85·17	85·67	87·92	87·00	90·50	87·50	86·17
8	89·00	94·83	92·00	89·67	86·50	85·17	85·92	88·00	87·50	91·00	87·08	86·25
9	88·83	94·75	91·83	89·67	86·42	85·17	85·92	88·00	87·50	91·09	86·58	86·25
10	88·83	94·67	91·67	89·67	86·33	85·17	85·92	88·00	89·50	90·75	86·58	86·25
11	88·58	94·50	91·50	89·67	86·33	85·17	85·92	88·00	90·25	90·50	86·50	86·25
12	88·42	94·25	91·25	89·67	86·25	85·17	85·92	88·00	90·50	90·25	86·50	86·25
13	88·50	94·17	91·00	89·58	86·17	85·17	86·00	88·00	88·50	89·00	86·75	86·17
14	88·75	94·00	90·75	89·50	86·17	85·08	86·17	88·00	87·25	88·50	86·75	86·08
15	88·92	93·83	90·50	89·33	86·08	85·00	86·25	88·00	87·17	88·50	87·00	86·00
16	89·08	93·67	90·25	89·17	86·08	85·00	86·42	88·00	87·00	88·67	87·00	86·00
17	89·25	93·50	90·08	89·08	86·00	85·08	86·58	88·00	87·00	88·50	87·00	86·00
18	89·50	93·25	90·17	88·92	86·08	85·17	86·75	88·00	87·00	88·50	87·00	86·00
19	89·75	93·00	90·58	88·83	86·00	85·25	86·92	87·83	87·00	88·25	87·25	86·00
20	90·00	92·58	90·92	88·67	86·00	85·33	87·08	87·75	87·00	88·00	87·25	86·00
21	90·50	92·58	91·00	88·50	86·00	85·42	87·17	87·58	87·00	88·00	87·50	86·00
22	91·50	92·42	91·00	88·50	86·00	85·50	87·25	87·50	87·00	88·25	87·50	85·83
23	92·00	92·42	90·75	88·42	86·00	85·50	87·25	87·50	87·00	88·75	87·33	85·67
24	92·50	92·33	90·58	88·17	86·00	85·50	87·25	87·50	87·00	88·75	87·00	85·67
25	93·00	92·33	90·50	88·08	86·00	85·42	87·17	87·50	87·50	89·00	86·75	85·75
26	93·50	92·25	90·42	87·92	86·00	85·42	87·17	87·50	87·75	89·00	86·50	86·00
27	94·00	92·17	90·33	87·75	86·00	85·42	87·17	87·50	87·75	89·00	86·33	86·00
28	94·25	92·17	90·50	87·58	86·00	85·50	87·17	87·75	88·00	89·00	86·25	86·00
29	94·50	91·83	90·33	87·50	86·00	85·50	87·08	88·00	88·00	89·75	.....	86·00
30	94·67	91·75	90·25	87·33	86·00	85·50	87·08	88·00	88·00	88·75	.....	86·00
31	.....	91·67	.....	87·25	86·00	.....	87·08	.....	87·75	88·50	.....	86·00

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1895–96.

TABLE No. 433.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86·00	92·50	91·17	88·83	86·17	86·50	85·33	85·00	86·50	90·00	92·17	88·75
2	86·00	92·42	91·17	88·67	86·08	86·50	85·33	85·00	86·67	91·00	92·00	88·50
3	86·00	92·33	91·17	88·50	86·08	86·50	85·25	85·00	86·75	91·25	91·50	88·25
4	86·00	92·33	91·25	88·33	86·08	86·42	85·25	85·00	87·00	91·50	91·00	88·25
5	86·00	92·33	91·25	88·17	86·08	86·33	85·25	85·00	87·50	91·50	91·00	88·50
6	86·25	92·58	91·33	88·08	86·08	86·25	85·25	85·00	88·00	91·50	90·58	88·75
7	86·50	92·83	91·42	88·00	86·08	86·17	85·25	85·00	88·25	91·58	90·67	88·75
8	87·33	93·17	91·42	87·83	86·08	86·17	85·25	85·00	88·25	91·50	91·00	89·00
9	88·50	93·50	91·33	87·75	86·08	86·00	85·25	85·00	87·50	91·50	91·17	89·00
10	89·25	93·83	91·25	87·67	86·08	86·00	85·25	85·08	87·25	93·00	91·00	89·25
11	89·25	94·00	91·17	87·67	86·08	85·83	85·25	85·17	87·42	93·42	91·00	88·75
12	89·50	94·00	91·17	87·58	86·17	85·75	85·25	85·25	88·00	93·42	91·33	88·50
13	90·00	93·83	91·17	87·58	86·25	85·75	85·17	85·25	88·00	93·00	91·00	88·25
14	90·17	93·67	91·00	87·50	86·33	85·67	85·17	85·25	88·25	92·50	90·50	88·00
15	90·50	93·50	91·00	87·42	86·33	85·67	85·08	85·33	88·00	91·50	90·33	87·58
16	90·67	93·25	90·92	87·33	86·33	85·58	85·08	85·33	88·00	91·25	90·00	87·25
17	90·75	93·08	90·83	87·25	86·33	85·50	85·08	85·50	87·50	92·00	90·00	87·08
18	90·83	93·00	90·75	87·17	86·42	85·50	85·08	85·50	87·50	93·00	90·00	87·00
19	91·00	92·75	90·67	87·08	86·42	85·50	85·08	85·67	87·25	93·50	89·75	87·00
20	91·00	92·50	90·42	87·00	86·42	85·50	85·08	85·67	87·25	93·50	90·00	87·00
21	91·25	92·25	90·33	86·83	86·42	85·50	85·00	85·75	87·00	93·25	90·00	87·00
22	91·50	92·17	90·17	86·75	86·42	85·50	85·00	85·83	87·00	93·00	90·00	87·00
23	92·00	92·00	90·08	86·67	86·42	85·42	85·00	85·83	87·00	93·00	90·00	87·00
24	92·25	91·83	90·00	86·67	86·42	85·42	85·00	86·00	87·00	92·75	89·75	86·83
25	92·25	91·67	89·83	86·58	86·50	85·42	85·00	86·00	87·00	92·00	89·67	86·58
26	92·42	91·50	89·67	86·58	86·50	85·42	85·00	86·00	87·00	91·00	89·50	86·42
27	92·42	91·33	89·50	86·50	86·50	85·42	85·00	86·08	88·00	90·75	89·25	86·25
28	92·50	91·25	89·33	86·42	86·50	85·42	85·00	86·08	89·00	91·00	89·00	86·00
29	92·50	91·17	89·17	86·33	86·50	85·42	85·00	86·17	89·25	92·25	89·00	86·17
30	92·50	91·17	89·00	86·17	86·50	85·42	85·00	86·17	89·00	92·42	.....	86·00
31	.....	91·17	.....	86·17	86·50	.....	85·00	.....	89·00	92·50	.....	86·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1896–97.

TaBLE No. 434.

1	85·83	94·08	90·00	88·00	86·83	85·75	85·42	86·25	89·42	87·50	90·00	86·58
2	85·83	94·00	90·17	88·00	86·75	85·75	85·58	86·33	89·25	88·00	90·25	86·50
3	85·75	93·92	90·17	88·00	86·67	85·67	85·75	86·42	89·08	88·50	90·00	86·58
4	85·75	93·83	90·33	88·00	86·58	85·58	85·83	86·58	88·75	89·00	89·50	86·50
5	85·75	93·83	90·42	88·00	86·50	85·58	85·83	86·75	88·58	89·50	89·25	86·50
6	85·75	93·67	90·42	88·00	86·42	85·58	86·00	86·83	88·50	89·75	89·50	86·58
7	85·75	93·58	90·50	87·83	86·33	85·50	86·00	87·25	88·50	90·00	88·50	86·50
8	86·00	93·42	90·50	87·83	86·33	85·50	86·08	87·50	88·50	90·00	88·00	86·50
9	86·50	93·25	90·58	87·83	86·25	85·50	86·08	87·83	88·50	90·25	87·50	86·50
10	87·08	93·00	90·67	87·83	86·17	85·50	86·17	88·00	88·33	90·00	86·75	86·50
11	87·75	92·75	90·75	87·75	86·08	85·50	86·25	88·17	88·17	90·00	86·50	86·50
12	88·25	92·58	90·58	87·75	86·08	85·50	86·33	88·33	88·00	90·00	86·50	86·50
13	88·08	92·42	90·50	87·67	86·00	85·50	86·42	88·50	88·50	90·00	86·58	86·50
14	90·00	92·25	90·42	87·67	86·00	85·50	86·58	88·50	89·00	89·00	86·67	86·50
15	91·00	92·08	90·25	87·67	86·00	85·50	86·50	88·50	90·00	89·00	86·67	86·50
16	92·00	92·00	90·08	87·58	86·00	85·42	86·42	88·50	91·00	89·00	86·42	86·58
17	93·00	91·83	89·83	87·58	85·83	85·42	86·42	88·50	91·25	88·50	86·50	86·58
18	93·83	91·67	89·67	87·50	85·92	85·42	86·33	88·50	91·75	88·00	86·50	86·67
19	94·00	91·50	89·50	87·42	85·92	85·42	86·33	88·50	90·75	87·50	86·50	86·67
20	94·25	91·33	89·42	87·42	85·83	85·42	86·33	88·58	90·00	89·00	86·50	86·67
21	94·58	91·17	89·25	87·33	85·83	85·42	86·25	88·58	90·00	89·00	86·42	86·75
22	95·00	91·00	89·00	87·33	85·83	85·42	86·25	88·58	89·75	90·00	86·42	86·75
23	95·25	90·83	88·83	87·25	85·83	85·42	86·25	88·75	89·50	90·25	86·50	86·75
24	95·50	90·67	88·67	87·25	85·83	85·42	86·17	88·83	88·00	91·00	86·50	86·75
25	95·50	90·58	88·58	87·17	85·83	85·42	86·17	88·83	88·50	91·00	86·50	87·00
26	95·25	90·50	88·50	87·17	85·83	85·33	86·17	88·83	88·00	91·00	86·50	87·00
27	95·00	90·42	88·33	87·17	85·83	85·33	86·17	89·00	87·50	90·75	86·50	87·00
28	94·83	90·33	88·17	87·08	85·83	85·33	86·17	89·08	87·00	90·25	86·50	87·00
29	94·50	90·33	88·08	87·00	85·83	85·33	86·17	89·25	87·00	90·50	.....	87·00
30	94·25	90·33	88·08	87·00	85·83	85·33	86·17	89·50	87·00	90·67	.....	87·00
31	.....	90·33	.....	87·00	85·83	.....	86·17	.....	87·50	90·42	.....	87·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1897–98.

TABLE No. 435.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	87·42	94·83	93·50	89·83	87·17	86·58	85·33	85·75	86·17	89·25	87·17	86·42
2	87·67	94·83	93·25	89·58	87·17	86·58	85·33	85·75	86·17	89·25	87·17	86·42
3	88·00	95·00	93·00	89·42	87·17	86·58	85·33	85·75	86·25	89·25	87·17	86·58
4	88·25	95·25	93·00	89·25	87·17	86·42	85·33	85·92	86·25	89·17	87·00	86·58
5	88·50	95·17	92·83	89·00	87·17	86·42	85·33	85·92	86·17	89·17	86·83	86·58
6	88·75	95·00	92·75	88·83	87·00	86·25	85·33	85·92	86·00	89·17	86·83	86·50
7	88·83	95·00	92·75	88·83	87·00	86·25	85·33	85·92	86·00	89·00	86·83	86·50
8	89·00	95·00	92·58	88·83	87·00	86·08	85·33	85·92	86·00	88·83	86·83	86·42
9	89·00	94·83	92·50	88·67	86·83	86·00	85·33	85·92	86·00	88·67	86·83	86·42
10	89·00	94·75	92·33	88·50	86·67	86·00	85·33	85·92	86·00	88·67	86·83	86·42
11	89·00	94·75	92·17	88·42	86·67	85·92	85·25	85·92	86·17	88·67	86·67	86·58
12	89·00	94·58	92·00	88·25	86·67	85·92	85·25	85·92	86·17	88·83	86·67	86·75
13	88·50	94·50	92·00	88·25	86·67	85·92	85·25	86·00	86·25	88·83	86·50	86·92
14	88·50	94·50	92·00	88·25	86·50	85·92	85·25	86·00	86·25	88·83	86·50	87·33
15	88·50	94·33	91·83	88·08	86·50	85·83	85·25	86·00	86·50	88·83	86·50	87·33
16	88·67	94·00	91·83	88·00	86·50	85·83	85·25	86·00	86·50	88·83	86·50	87·50
17	88·67	94·00	91·67	87·83	86·50	85·83	85·25	86·08	86·67	88·83	86·75	87·50
18	89·00	94·00	91·42	87·83	86·50	85·67	85·25	86·08	87·00	88·58	86·75	88·25
19	89·00	94·00	91·25	87·83	86·42	85·67	85·25	86·08	88·67	88·33	86·75	88·83
20	89·00	93·83	91·08	87·67	86·42	85·67	85·25	86·08	89·67	88·00	86·75	89·25
21	89·00	93·83	91·08	87·50	86·42	85·67	85·25	86·08	89·67	87·67	86·58	89·75
22	89·25	94·08	91·00	87·50	86·58	85·67	85·33	86·08	89·00	87·33	86·48	89·92
23	89·50	94·17	90·83	87·33	86·58	85·67	85·33	86·00	89·33	87·17	86·42	89·67
24	89·67	94·33	90·42	87·33	86·58	85·50	85·33	86·00	89·67	87·17	86·42	89·67
25	90·00	94·50	90·25	87·25	86·75	85·50	85·42	86·00	90·25	87·17	86·42	89·33
26	91·00	94·50	90·25	87·25	86·75	85·50	85·42	86·00	90·75	87·17	86·42	89·00
27	92·50	94·33	90·00	87·17	86·75	85·42	85·50	86·00	90·75	87·17	86·42	89·00
28	93·25	94·33	90·00	87·17	86·75	85·42	85·67	86·00	90·42	87·17	86·42	89·25
29	93·83	94·33	90·00	87·17	86·75	85·42	85·67	86·08	90·17	87·17	.....	89·25
30	94·75	94·00	89·83	87·17	86·75	85·42	85·67	86·08	89·67	87·17	.....	89·75
31	.....	93·75	.....	87·17	86·75	.....	85·75	.....	89·25	87·17	.....	90·33

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1898–99.

TABLE No. 436.

1	90·33	90·92	90·83	89·17	86·75	86·00	86·00	88·08	87·25	90·83	86·25	85·75
2	90·17	90·92	90·83	89·00	86·58	86·00	86·08	88·08	87·08	90·83	86·25	85·58
3	90·17	90·92	90·83	89·00	86·33	86·00	86·08	88·00	87·08	90·00	86·00	85·58
4	90·42	90·75	90·83	88·83	86·33	86·00	86·08	87·83	87·08	88·17	86·00	85·25
5	90·42	90·75	90·83	88·83	86·33	86·00	86·25	87·83	87·08	86·83	86·00	85·25
6	90·33	90·67	90·42	88·83	86·33	86·00	86·25	87·83	87·00	86·83	86·00	85·83
7	90·33	90·67	90·00	88·67	86·33	86·00	86·25	87·75	87·00	86·83	86·00	85·83
8	90·00	90·58	89·83	88·67	86·33	86·17	86·25	87·75	87·00	86·83	86·00	85·83
9	89·83	90·33	89·67	88·50	86·33	86·17	86·25	87·67	87·00	86·83	85·75	85·50
10	89·67	90·33	89·33	88·50	86·33	86·17	86·25	87·67	87·00	86·83	85·75	85·50
11	89·42	90·00	89·00	88·50	86·17	86·17	86·25	87·67	87·00	86·83	86·33	85·25
12	89·42	90·00	89·00	88·33	86·17	86·17	86·25	87·67	87·00	90·00	86·33	85·25
13	89·25	90·00	89·00	88·33	86·17	86·00	86·33	87·67	87·00	90·75	86·00	85·25
14	89·08	89·83	89·00	88·17	86·17	86·00	86·33	87·75	87·00	91·33	86·00	85·25
15	89·08	89·83	89·00	88·00	86·17	86·00	86·50	87·75	86·67	90·50	86·25	85·25
16	89·08	89·83	88·83	88·00	86·17	86·00	86·50	87·75	86·67	90·00	86·00	85·25
17	89·33	89·58	88·83	88·00	86·42	86·00	86·50	87·75	86·67	90·00	85·75	85·42
18	89·33	89·58	88·50	87·83	86·42	86·00	86·33	87·75	87·17	88·50	85·75	85·42
19	89·33	89·42	88·33	87·75	86·50	86·00	86·33	87·83	87·33	88·50	85·75	85·25
20	89·75	89·42	88·33	87·75	86·50	86·00	86·75	87·83	87·33	86·75	85·58	85·25
21	90·00	89·00	88·17	87·58	86·50	86·00	86·75	87·83	86·67	86·75	85·58	85·00
22	90·33	89·00	88·17	87·58	86·50	86·00	86·75	87·75	86·67	86·75	85·83	85·00
23	90·42	88·92	88·17	87·58	86·50	86·00	86·92	87·75	86·67	86·58	85·83	85·00
24	90·42	89·00	88·17	87·58	86·33	86·00	87·17	87·75	86·67	86·58	86·25	85·00
25	90·42	89·25	88·17	87·33	86·33	86·00	87·17	87·75	86·67	86·58	86·25	85·00
26	90·67	89·33	88·17	87·33	86·33	86·00	87·33	87·58	86·67	86·58	85·75	84·83
27	90·67	89·75	88·17	87·17	86·00	86·00	87·33	87·58	86·67	86·42	85·75	84·83
28	90·83	89·92	88·50	87·17	86·00	86·00	87·67	87·58	86·67	86·42	85·75	84·83
29	90·92	90·33	88·83	87·00	86·00	86·00	87·67	87·33	86·67	86·42	.....	84·83
30	90·92	90·67	89·17	87·00	86·00	86·00	88·00	87·33	87·83	86·25	.....	84·83
31	....	90·83	.....	87·00	86·00	.....	88·00	.....	88·92	86·25	.....	84·83

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1899–1900.

TABLE No. 437.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	84·83	95·17	93·33	89·00	87·75	85·83	87·17	86·50	86·00	87·75	88·25	86·67
2	84·83	95·50	93·33	89·00	87·58	85·83	87·33	86·50	86·00	88·25	88·25	86·67
3	84·83	95·50	93·33	88·83	87·58	85·75	87·50	86·50	86·00	88·25	88·25	86·67
4	85·17	96·17	93·17	88·83	87·42	85·75	87·58	86·50	86·00	88·42	88·00	86·67
5	85·17	96·33	93·17	88·58	87·42	85·58	87·67	86·50	86·00	88·42	87·75	86·67
6	85·17	96·50	93·17	88·42	87·25	85·58	87·67	86·58	86·00	88·83	87·75	86·33
7	85·50	96·50	93·00	88·25	87·25	85·50	87·67	86·58	86·00	88·83	87·58	86·33
8	85·50	96·67	93·00	88·25	87·08	85·50	87·58	86·58	86·00	88·83	87·58	86·33
9	85·50	96·67	92·83	88·25	87·00	85·42	87·33	86·67	85·83	88·83	87·42	86·00
10	85·50	96·67	92·83	88·83	87·00	85·42	87·25	86·67	85·83	88·83	87·42	86·00
11	85·75	96·50	92·50	88·83	86·83	85·33	87·00	86·42	85·83	88·50	87·42	86·00
12	85·75	96·00	92·25	89·33	86·67	85·33	87·00	86·42	85·83	88·50	87 25	85·58
13	85·75	95·67	92·00	89·33	86·67	85·33	86·83	86·25	86·67	88·50	87·25	85·58
14	85·75	95·50	91·67	89·42	86·58	85·33	86·67	86·25	86·83	88·42	87·58	85·58
15	86·17	95·17	91·42	89·42	86·58	85·33	86·50	86·17	87·50	88·42	87·58	85·33
16	87·83	95·00	91·17	89·42	86·50	85·25	86·50	86·17	88·17	88·50	87·58	85·33
17	90·50	94·67	91·00	89·25	86·50	85·25	86·33	86·00	88·42	88·92	87·42	85·33
18	91·00	94·33	90·83	89·25	86·33	85·25	86·33	86·00	88·58	89·75	87·42	85·33
19	91·00	94·00	90·42	89·00	86·25	85·25	86·33	86·00	87·42	90·33	87·42	85·33
20	91·25	93·83	90·58	88·75	86·25	85·25	86·25	86·00	87·25	90·67	87·42	85·33
21	91·50	93·67	90·33	88·58	86·17	85·25	86·25	86·00	87·25	90·00	87·42	85·33
22	92·00	93·42	90·33	88·33	86·17	85·25	86·25	86·00	87·50	89·58	87·42	85·33
23	92·33	93·17	90·08	88·17	86·17	85·25	86·25	86·00	87·50	89·58	87·42	85·17
24	92·33	93·00	90·00	88·00	86·08	85·25	86·25	86·00	87·50	89·58	87·42	85·17
25	93·00	92·67	89·83	88·00	86·08	85·42	86·17	86·00	87·67	89·25	87·42	85·17
26	93·25	92·50	89·83	88·00	86·00	85·58	86·17	86·00	87·67	89·25	87·17	85·17
27	93·25	92·17	89·67	87·83	86·00	85·58	86·17	86·00	87·67	89·00	87·00	85·17
28	93·50	92·17	89·67	87·75	86·00	85·83	86·17	86·00	87·42	88·50	86·67	85·17
29	94·75	92·33	89·33	87·75	86·00	86·67	86·17	86·00	87·42	88·50	.....	85·17
30	94·75	92·83	89·17	87·75	86·00	86·92	86·33	86·00	87·42	88·25	.....	85·17
31	.....	93·33	.....	87·75	86·00	.....	86·33	.....	87·25	88·25	.....	85·33

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1900–01.

TABLE No. 438.

1	85·33	93·17	90·00	87·42	88·83	86·50	86·75	86·67	87·58	87·42	89·25	88·00
2	85·33	93·00	90·00	87·33	88·67	86·33	86·83	86·75	87·50	87·50	89·00	87·67
3	85·33	92·67	90·00	87·33	88·67	86·17	86·83	86·75	87·50	87·50	88·83	87·42
4	85·33	92·33	90·50	87·67	88·42	86·42	86·83	86·67	87·50	87·58	88·50	87·17
5	85·33	92·00	90·50	88·00	88·25	86·25	86·75	86·67	87·42	87·83	88·42	87·00
6	85·50	91·75	90·50	88·33	88·25	86·33	86·75	86·58	87·42	88·17	89·83	87·00
7	85·50	91·83	90·17	88·50	88·25	86·25	86·83	86·58	87·33	88·92	90·58	86·67
8	85·75	91·83	90·17	88·50	88·25	86·17	86·83	86·58	87·33	88·42	90·83	86·58
9	85·75	91·83	90·00	88·67	88·17	86·00	86·92	86·58	87·17	88·25	90·83	86·58
10	87·33	92·00	90·00	88·83	88·17	86·00	86·92	86·58	87·17	88·83	91·42	86·33
11	87·75	92·00	89·50	88·83	88·17	86·00	87·00	86·50	87·00	89·00	91·67	86·00
12	87·92	91·83	89·50	89·00	88·08	86·00	87·00	86·42	86·67	89·00	90·75	86·00
13	89·00	91·83	89·33	89·00	88·00	86·00	87·08	86·42	86·42	89·00	91·25	85·83
14	89·50	91·42	89·33	89·17	88·00	86·00	87·17	86·42	87·17	88·83	91·50	85·67
15	89·50	91·33	89·33	89·17	88·00	86·00	87·25	86·42	87·33	88·83	91·17	85·67
16	89·92	91·00	89·25	89·17	87·83	86·17	87·50	86·42	87·33	89·17	91·33	85·50
17	89·75	91·00	89·00	89·75	87·67	86·25	87·58	86·42	87·00	89·17	90·75	85·50
18	89·75	91·17	88·92	90·33	87·67	86·25	87·33	86·42	87·00	89·83	90·50	85·50
19	89·75	91·33	88·83	90·33	87·50	86·42	87·17	86·42	87·17	90·25	90·00	85·42
20	89·92	91·33	88·67	90·00	87·50	86·42	87·00	86·83	87·17	90·25	90·00	85·42
21	90·33	91·33	88·50	89·67	87·42	86·58	87·00	87·25	87·25	91·67	89·67	85·42
22	91·00	91·17	88·42	89·50	87·42	86·58	86·92	88·33	87·25	91·00	89·42	85·42
23	91·83	91·17	88·25	89·33	87·33	86·75	86·92	88·58	87·25	91·08	89·08	85·33
24	92·42	91·00	88·00	89·33	87·33	86·75	86·83	88·42	87·25	90·42	88·75	85·33
25	93·00	90·83	88·00	89·17	87·25	86·75	86·83	88·42	87·42	90·42	88·75	85·33
26	93·17	90·67	88·00	89·17	87·08	86·83	86·67	88·25	87·42	90·17	88·58	85·33
27	93·17	90·67	87·75	89·17	87·00	86·75	86·50	88·00	87·50	90·00	88·25	85·50
28	93·33	90·42	87·75	89·00	86·92	86·75	86·42	87·83	87·33	89·67	88·08	85·50
29	93·33	90·42	87·50	89·00	86·83	86·75	86·42	87·67	87·33	89·67	.....	85·50
30	93·50	90·25	87·42	89·00	86·75	86·75	86·58	87·67	87·33	89·42	.....	85·58
31	.....	90·00	.....	88·83	86·67	.....	86·58	.....	87·42	89·42	.....	85·83

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1901–02.

TABLE No. 439.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86·17	93·83	90·83	88·17	86·25	85·25	84·50	85·00	85·33	85·92	87·25	84·58
2	86·25	93·83	90·92	88·00	86·25	85·25	84·50	85·00	85·50	86·58	87·08	84·75
3	86·42	93·92	91·17	87·83	86·17	85·25	84·50	85·08	85·50	86·75	87·00	85·67
4	86·67	93·83	91·33	87·67	86·00	85·33	84·67	85·17	85·42	88 83	86·83	86·17
5	86·83	93·83	91·42	87·50	85·75	85·33	84·75	85·25	85·42	89·75	86·75	86·42
6	86·83	93·50	91·50	87·33	85·67	85·25	84·75	85·25	85·25	91·58	86·58	86·42
7	87·25	93·42	91·50	87·42	85·58	85·25	84·75	85·17	85·17	94·00	86·42	86·58
8	88·33	93·33	91·50	87·42	85·58	85·25	84·83	85·17	85·17	94·33	86·33	86·58
9	90·83	93·08	91·50	87·33	85·50	85·25	84·83	85·17	85·00	95·50	86·33	86·58
10	91·42	92·83	91·50	87·25	85·50	85·17	84·42	85·17	85·00	93·67	86·25	86·42
11	91·50	92·50	91·58	87·08	85·50	85·08	84·42	85·33	84·92	91·42	86·08	86·25
12	91·58	92·58	91·58	87·00	85·58	85·00	84·50	85·33	84·92	91·75	86·00	86·58
13	91·58	92·42	91·42	86·92	85·50	85·00	84·58	85·42	84·83	91·92	85·83	86·58
14	91·58	92·25	91·25	86·75	85·42	84·92	84·58	85·42	84·83	92·42	85·75	86·67
15	91·58	92·70	90·83	86·58	85·42	84·83	84·67	85·42	88·25	92·08	85·67	87·50
16	91·50	92·00	90·50	86·42	85·42	84·83	84·67	85·42	89·33	91·67	85·50	87·92
17	91·33	92·00	90·17	86·50	85·33	84·83	84·75	85·42	89·58	91·33	85·42	88·92
18	91·17	91·75	89·75	86·50	85·25	84·83	84·75	85·42	90·67	90·92	85·25	89·33
19	91·42	91·67	89·50	86·42	85·25	84·75	84·83	85·42	90·25	90·75	85·08	89·50
20	91·67	91·50	89·50	86·42	85·25	84·75	84·92	85·42	90·33	90·42	85·00	89·83
21	92·00	91·75	89·33	86·33	85·25	84·75	85·00	85·42	90·50	90·00	85·00	89·92
22	92·50	92·00	89·25	86·25	85·33	84·75	85·17	85·42	90·00	89·50	84·83	90·00
23	93·25	92·00	89·00	86·17	85·42	84·67	85·17	85·42	89·33	89·17	84·67	90·25
24	93·67	91·83	89·00	86·00	85·50	84·67	85·08	85·42	88·67	89·00	84·58	90·42
25	93·83	91·83	88·83	85·92	85·50	84·58	84·83	85·33	88·08	88·75	84·42	90·42
26	94·00	91·67	88·75	85·83	85·42	84·58	84·83	85·33	87·33	88·58	84·42	90·58
27	94·00	91·42	88·67	85·83	85·33	84·50	84·83	85·17	86·25	88·33	84·42	90·67
28	93·75	91·25	88·58	85·83	85·25	84·42	84·83	85·08	86·00	88·08	84·42	90·83
29	93·92	91·08	88·42	85·83	85·25	84·42	84·92	85·00	86·00	87·67	.....	90·50
30	93·75	91·00	88·25	86·00	85·25	84·42	84·92	85·17	85·75	87·50	.....	91·42
31	.....	90·92	.....	86·17	85·25	.....	85·08	.....	85·67	87·33	.....	91·75

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1902–03.

TABLE No. 440.

1	91·92	91·58	90·83	89·42	87·42	86·00	85·58	86·50	88·50	88·58	88·67	87·83
2	92·00	91·58	90·83	89·42	87·42	85·75	85·58	86·50	88·42	88·08	88·42	88·42
3	92·00	91·67	90·92	89·42	87·42	85·58	85·58	86·50	88·42	87·75	88·42	88·92
4	92·00	91·83	90·92	89·25	87·42	85·50	85·50	86·58	88·33	87·58	88·25	89·42
5	92·00	92·00	90·92	89·25	87·33	85·50	85·50	86·58	88·25	87·58	88·08	89·08
6	91·92	92·00	90·83	89·00	87·33	85·42	85·50	86·67	88·00	87·42	88·00	88·75
7	91·75	92·00	90·83	89·00	87·42	85·42	85·50	86·67	87·75	87·17	87·83	88·58
8	91·50	92·00	90·92	88·83	87·42	85·33	85·58	86·75	89·50	87·00	87·83	88·58
9	91·25	92·00	90·92	88·67	87·42	85·33	85·58	86·92	90·33	87·00	87·67	88·25
10	91·58	92·00	91·00	88·58	87·17	85·33	85·58	87·00	90·67	87·25	88·00	88·08
11	91·33	91·92	90·92	88·50	87·17	85·33	85·75	87·08	90·83	87·42	87·75	88·50
12	91·17	91·83	90·83	88·42	87·00	85·33	85·75	87·33	90·83	87·58	87·92	89·00
13	91·33	91·83	90·67	88·25	86·92	85·33	85·83	87·33	89·25	87·83	87·92	89·42
14	91·25	91·75	90·67	88·25	86·83	85·33	85·83	87·50	89·83	89·75	88·25	89·92
15	91·25	91·67	90·50	88·25	86·83	85·42	85·92	87·67	91·58	89·42	88·42	90·17
16	91·00	91·50	90·50	88·17	86·75	85·42	85·92	87·75	91·83	89·33	88·75	90·33
17	91·00	91·33	90·50	88·17	86·67	85·50	85·92	87·83	89·00	88·25	88·42	90·50
18	90·92	91·17	90·50	88·08	86·58	85·50	86·17	88·00	88·33	88·00	88·00	90·67
19	90·83	91·00	90·33	88·00	86·50	85·58	86·25	88·17	88·00	87·58	87·75	90·83
20	90·75	90·75	90·17	88·00	86·50	85·58	86·42	88·33	87·92	87·08	87·75	91·00
21	90·67	90·50	90·00	88·00	86·50	85·58	86·42	88·33	87·83	87·42	87·67	91·33
22	90·67	90·50	89·58	87·92	86·42	85·58	86·33	88·50	87·75	87·17	87·83	91·67
23	90·67	90·42	89·67	87·83	86·42	85·50	86·33	88·50	87·83	87·00	88·00	91·67
24	90·58	90·42	89·67	87·83	86·33	85·50	86·33	88·67	87·92	86·83	88·17	91·83
25	90·50	90·33	89·50	87·67	86·33	85·50	86·33	88·67	88·42	89·42	88·00	91·92
26	90·58	90·33	89·50	87·67	86·25	85·50	86·33	88·75	88·50	89·83	87·67	91·67
27	90·92	90·42	89·50	87·67	86·25	85·50	86·42	88·83	88·75	90·75	87·50	91·50
28	90·92	90·50	89·50	87·58	86·17	85·50	86·42	88·67	89·25	90·25	87·42	91·25
29	90·92	90·50	89·50	87·58	86·08	85·50	86·50	88·50	89·42	89·83	.....	91·08
30	90·92	90·75	89·50	87·50	86·00	85·50	86·50	88·50	89·42	89·33	.....	90·92
31	.....	90·75	.....	87·50	86·00	.....	86·50	.....	89·17	89·00	.....	90·83

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1903–04.

TABLE No. 241.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	90·58	89·50	89·50	89·50	87·17	86·17	86·42	86·67	85·58	85·67	85·58	85·25
2	90·50	89·50	89·42	90·58	87·08	86·00	86·42	86·58	85·42	85·42	85·58	85·00
3	90·42	89·50	89·33	90·42	86·92	86·00	86·17	86·58	85·42	85·42	85·50	84·92
4	90·50	89·83	89·17	90·08	86·67	85·92	86·17	86·50	85·42	85·25	85·50	84·67
5	90·50	90·08	89·00	89·75	86·67	85·75	86·08	86·50	85·33	85·25	85·25	84·50
6	90·42	90·42	88·92	89·67	86·58	85·67	86·08	86·50	85·25	85·17	85·25	84·50
7	90·50	90·67	88·83	89·58	86·58	85·67	86·33	86·42	85·25	85·17	85·00	84·33
8	90·83	90·67	88·83	89·33	86·50	85·58	86·42	86·42	85·25	85·17	84·75	84·58
9	90·92	90·75	88·75	89·17	86·50	85·58	86·50	86·42	85·83	85·33	84·75	84·58
10	90·75	90·92	88·58	89·00	86·58	85·58	86·75	86·33	85·83	85·33	84·58	84·67
11	90·58	90·92	88·50	88·67	86·58	85·50	86·92	86·25	86·08	85·50	84·58	84·67
12	90·42	90·92	88·50	88·42	86·67	85·50	87·42	86·25	86·50	85·50	84·58	84·75
13	90·33	91·00	88·58	88·25	86·67	85·50	87·42	86·08	86·83	85·33	84·67	84·75
14	90·00	91·00	88·75	88·08	86·67	85·50	87·42	86·08	88·00	85·25	84·67	84·58
15	90·00	91·08	88·83	87·92	86·75	85·50	87·50	86·00	88·83	85·25	84·75	84·58
16	90·08	91·00	88 92	87 67	86·75	85·67	87·42	86·00	86·83	85·25	84·75	84·83
17	90·33	91·08	89·00	87·58	86·75	85·75	87·42	86·00	87·83	85·25	84·75	84·83
18	90·25	91·00	89·00	87·50	86·75	85·92	87·42	86·00	87·25	85·25	84·75	84·83
19	90·25	91·00	89·08	87·50	86·83	85·92	87·50	85·83	87·75	85·25	84·58	84·75
20	90·17	90·92	89·17	87·42	86·83	86·00	87·50	85·83	87·75	85·08	84·58	84·67
21	90·17	90·83	89·08	87·42	86·83	86·00	87·42	85·83	87·50	85·08	84·58	84·67
22	90·25	90·67	89·00	87·33	86·75	86·42	87·42	85·83	87·50	85·00	84·83	84·83
23	90·17	90·58	89·08	87·33	86·58	86·42	87·25	85·75	88·08	85·33	84·83	84·83
24	90·17	90·50	89·17	87·25	86·42	86·50	87·25	85·75	87·83	85·33	85·17	84·83
25	90·08	90·25	89·42	87·33	86·25	86·50	87·08	85·67	87·67	85·33	85·33	84·83
26	90·00	90·08	89·58	87·42	86·25	86·50	87·08	85·67	86·17	85·33	85·33	85·42
27	89·92	90·00	89·58	87·42	86·08	86·50	87·00	85·67	86·75	85·50	85·33	85·83
28	89·83	89·92	89·50	87·33	86·00	86·42	87·00	85·67	86·50	85·67	85·33	86·33
29	89·67	89·75	89·42	87·25	86·00	86·42	86·83	85·58	86·00	85·67	85·50	87·08
30	89·58	89·67	89·33	87·25	86·01	86·42	86·83	85·58	85·83	85·67	.....	87·08
31	.....	89·58	.....	87·17	85·92	.....	86·75	.....	85·67	85·75	.....	87·42

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1904–05.

TABLE No. 442.

1	88·00	92·50	93·92	90·42	87·42	85·92	86·92	88·08	86·25	87·08	87·17	86·33
2	88·33	93·25	94·08	90·17	87·25	85·92	87·08	88·00	86·25	86·33	87·17	86·33
3	88·75	93·67	94·33	90·00	87·08	86·00	87·00	88·00	86·08	87·92	87·08	86·33
4	89·50	94·08	94·58	89·83	87·00	86·25	87·00	87·92	86·08	87·92	87·08	86·25
5	89·92	94·50	94·67	89·83	86·92	86·33	87·00	87·92	86·25	88·42	86·92	86·25
6	90·33	94·67	94·75	89·75	86·83	86·33	87·33	87·92	86·33	88·00	86·92	86·25
7	90·67	95·08	94·67	89·58	86·67	86·25	87·50	87·83	86·58	87·75	86·83	86·08
8	90·83	95·42	94·75	89·50	86·58	86·25	87·50	87·83	86·75	87·50	86·83	86·00
9	91·67	95·42	94·75	89·42	86·58	86·17	87·50	87·67	86·92	87·50	86·92	85·83
10	92·17	95·50	94·92	89·25	86·50	86·17	87·50	87·58	88·17	87·75	87·00	85·83
11	92·67	95·67	95·00	89·17	86·42	86·08	87·50	87·50	86·83	87·92	87·25	85·67
12	92·50	95·33	94·92	89·17	86·42	86·00	87·50	87·42	90·25	88·25	87·25	85·50
13	92·33	95·17	94·92	89·17	86·33	85·92	87·67	87·33	90·58	88·25	87·25	85·50
14	91·83	95·00	94·75	89·08	86·33	85·83	87·75	87·33	88·33	88·58	87·25	85·33
15	91·58	95·00	94·50	89·08	86·25	85·83	87·83	87·17	87·50	88·75	87·17	85·33
16	91·42	94·75	94·25	89·08	86·25	85·75	87·83	87·00	87·00	88·92	87·17	85·25
17	91·00	94·50	93·83	89·00	86·17	85·75	88·00	86·83	86·42	88·58	87·08	85·25
18	90·58	94·33	93·50	88·92	86·17	85·67	88·00	86·83	86·67	88·33	87·00	85·25
19	90·42	94·17	93·00	88·92	86·25	85·50	88·17	86·75	86·92	88·33	86·83	85·25
20	90·17	94·17	92·67	88·67	86·08	85·50	88·17	86·67	87·50	88·00	86·83	85·08
21	90·00	94·25	92·42	88·50	86·25	85·50	88·25	86·75	88·17	87·67	86·83	84·92
22	89·75	94·17	92·17	88·42	86·25	85·50	88·33	86·75	88·42	87·67	86·67	84·62
23	89·67	94·00	92·00	88·25	86·42	85·50	88·33	86·67	87·92	87·83	86·67	84·83
24	89·50	94·00	91·67	88·08	86·42	85·67	88·25	86·67	87·58	87·83	86·58	84·83
25	89·83	94·00	91·42	88·00	86·42	86·08	88·25	86·58	87·00	87·58	86 58	84·83
26	90·42	94·00	91·17	87·83	86·42	86·42	88·25	86·58	89·25	87·50	86·43	84·67
27	90·17	94·17	91·00	87·75	86·25	86·42	88·25	86·50	89·25	87·50	86·42	84·92
28	90·42	94·00	90·75	87·67	86·25	86·42	88·25	86·50	89·83	87·67	86·33	85·33
29	90·83	94·00	90·67	87·58	86·17	86·42	88·25	86·42	89·67	87·33	.....	86·17
30	91·75	93·92	90·59	87·58	86·08	86·75	88·25	86·25	89·00	87·17	.....	86·83
31	.....	93·83	.....	87·50	86·00	.....	88·25	.....	88·17	87·17	.....	87·17

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1905–06.

TABLE No. 443.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	88·67	88·00	90·08	87·75	86·42	85·08	85·17	86·25	87·42	86·83	88·50	87·25
2	89·50	88·17	90·08	87·67	86·42	85·08	85·17	86·25	87·08	86·67	88·50	87·75
3	89·17	88·50	90·00	87·50	86·42	85·08	85·17	86·08	87·00	86·67	88·50	88·00
4	89·17	88·33	89·83	87·50	86·42	85·08	85·08	86·08	86·75	86·67	88·33	87·67
5	89·33	89·00	89·67	87·25	86·42	85·08	85·08	86·08	86·58	86·42	88·17	87·67
6	89·75	89·33	89·50	87·00	86·33	85·17	85·00	86·00	86·33	86·58	88·33	87·42
7	89·75	89·50	89·42	87·00	86·33	85·17	85·00	86·00	86·08	86·58	88·58	87·25
8	89·50	89·58	89·42	86·92	86·25	85·17	85·00	86·00	85·83	86·58	88·92	86·83
9	89·42	89·92	89·33	86·75	86·25	85·17	84·83	85·83	85·00	86·50	88·75	86·83
10	89·33	90·25	89·33	86·67	86·17	85·17	84·83	85·83	85·00	86·50	88·75	86·58
11	89·33	90·50	89·17	86·67	86·08	85·08	84·83	85·75	86·25	87·75	88·75	86·58
12	89·17	90·67	89·17	86·58	86·00	85·00	85·00	85·75	87·42	87·58	88·58	86·42
13	89·00	91·00	89·08	86·58	85·92	85·00	85·00	85·67	87·00	87·83	88·58	86·42
14	88·83	91·00	89·08	86·58	85·83	85·00	85·00	85·67	87·00	87·67	88·58	86·25
15	88·83	91·17	89·08	86·58	85·75	85·00	85·00	85·67	86·75	88·17	88·42	86·08
16	88·83	91·25	89·00	86·50	85·75	85·00	85·08	85·67	86·75	88·17	88·42	85·75
17	88·75	91·25	88·92	86·50	85·75	85·00	85·17	85·67	86·58	87·75	88·17	85·58
18	88·58	91·25	88·92	86·50	85·67	85·00	85·25	85·58	86·67	87·75	88·00	85·58
19	88·33	91·25	88·83	86·75	85·67	85·17	85·33	85·58	86·83	87·58	87·75	85·42
20	88·33	91·33	88·83	86·67	85·58	85·25	85·50	85·50	87·00	87·58	87·42	85·42
21	88·17	91·42	88·75	86·67	85·50	85·33	85·50	85·50	87·00	87·58	87·17	85·42
22	88·00	91·42	88·67	86·58	85·50	85·50	85·58	85·50	86·75	87·83	87·17	85·25
23	88·00	91·50	88·58	86·50	85·42	85·50	85·67	85·42	86·42	88·33	87·17	85·25
24	87·83	91·42	88·42	86·50	85·42	85·50	86·00	85·42	86·42	88·33	87·00	85·00
25	87·67	91·25	88·33	86·50	85·33	85·42	86·08	85·42	86·58	88·67	87·00	84·83
26	87·58	91·00	88·25	86·50	85·33	85·42	86·25	85·50	86·58	88·50	86·75	84·75
27	87·50	90·75	88·25	86·50	85·33	85·42	86·33	85·67	86·58	88·50	86·75	84·58
28	87·50	90·58	88·08	86·42	85·25	85·33	86·42	85·67	86·75	88·33	86·67	85·25
29	87·50	90·50	87·92	86·42	85·17	85·25	86·42	85·83	86·75	88·25	.....	85·67
30	87·50	90·42	87·83	86·42	85·17	85·17	86·42	85·83	86·83	89·00	.....	86·00
31	.....	90·33	.....	86·42	85·08	.....	86·25	.....	86·83	88·75	.....	86·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1906–07.

TABLE No. 444.

1	86·33	89·33	90·42	.....	86·17	84·42	83·83	84·50	84·58	87·33	87·00	84·33
2	86·33	89·33	90·33	.....	85·92	84·42	83·92	84·50	84·83	87·50	86·50	84·33
3	85·75	89·58	90·33	88·58	85·83	84·42	83·92	84·58	84·92	87·83	86·17	84·33
4	85·92	89·75	90·33	88·42	85 67	84·42	83·83	84·42	85·83	87 25	85·50	84·33
5	86·17	89·92	90·17	88·42	85·58	84·42	83·83	84·42	85·50	87·83	85·50	84·33
6	86·17	89·92	90·17	88·42	85·42	84·42	83·83	84·42	85·50	87·67	85·00	84·50
7	86·25	90·00	90·33	88·42	85·42	84·42	83·83	84·50	87·00	87·83	85·17	84·50
8	86·25	90·25	91·33	88·33	85·33	84·42	83·92	84·50	87·50	87·83	85·17	84·17
9	86·33	90·50	91·58	88·25	85·25	84·42	84·08	84·42	87·50	87·33	85·00	84·17
10	86·33	90·67	91·42	88·00	85·08	84·33	84·08	84·50	87·33	87·67	84·83	84·00
11	86·50	90·83	91·00	87·83	84·92	84·33	84·08	84·50	87·17	87·67	84·50	84·00
12	86·50	90·83	90·58	87·75	84·92	84·25	84·17	84·42	87·17	87·17	84·17	84·17
13	86·50	91·17	90·42	87·67	84·83	84·25	84·25	84·42	87·50	87·83	84·83	84·17
14	86·67	91·33	90·42	87·58	84·75	84·25	84·25	84·50	87·50	87·67	84·83	84·17
15	86·83	91·33	90·42	87·50	84·75	84·17	84·25	84·42	87·33	87·33	84·83	84·33
16	87·00	91·42	90·42	87·33	84·75	84·08	84·25	84·50	87·17	87·33	84·67	84·33
17	87·33	91·42	90·42	87·17	.....	84·08	84·33	84·50	87·33	87·33	84·67	84·50
18	87·50	91·50	90·42	87·17	.....	84·08	84·33	84·33	87·33	87·83	84·50	84·17
19	87·58	91·50	90·25	87·17	.....	84·00	84·33	84·33	87·33	87·67	84·33	84·17
20	87·83	91·50	90·08	87·00	.....	84·08	84·42	84·33	87·50	87·67	84·50	84·17
21	88·25	91·42	90·00	87·00	84·67	83·92	84·42	84·33	87·50	87·33	84·50	84·17
22	88·75	91·42	89·83	86·67	84·58	83·92	84·33	84·33	87·17	87·33	84·50	84·33
23	88·83	91·42	89·83	86·33		84·00	84·33	84·33	87·33	87·83	84·50	84·50
24	88·83	91·42	89·83	86·17		83·92	84·33	84·42	87·00	87·83	84·33	84·50
25	89·00	91·33	89·83	86·00	84·50	83·83	84·42	84·50	87·50	87·83	84·33	84·25
26	89·33	91·17	89·75	86·00	84·50	83·83	84·50	84·50	87·17	87·67	84·33	85·50
27	89·42	91·00	89·75	85·67	84·50	83·83	84·42	84·58	87·50	87·33	84·50	85·25
28	89·50	90·92	89·67	85·67	84·50	83·83	84·42	84·58	87·50	87·33	84·50	86·50
29	89·33	90·75	89·50	85·42	84·50	83 75	84·50	84·67	87·33	87·33	.....	87·17
30	89·33	90·67	89·42	85·33	84·50	83·83	84·50	84·67	87·00	87·50	.....	88·50
31		90·58		86·00	84·50	.....	84·58	.....	87·00	87·50	.....	89·33

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1907–08.

TABLE No. 445.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	90·58	89·67	91·67	89·75	87·17	85·33	86·58	86·42	86·83	89·00	89·50	87·33
2	90·67	90·25	91·50	89·67	87·17	85·17	86·58	86·33	86·83	88·17	89·67	87·50
3	90·50	90·83	91·50	89·67	87·25	85·25	86·50	86·33	86·83	87·00	88·00	87·67
4	89·92	90·83	91·42	89·67	87·17	85·42	86·58	86·17	86·92	87·50	88·00	87·00
5	89·50	90·50	91·42	89·50	87·25	85·33	86·50	86·33	86·67	87·50	87·83	87·00
6	89·17	90·58	91·50	89·42	87·25	85·50	86·42	86·50	86·83	87·83	87·83	87·17
7	88·92	90·58	91·58	89·33	87·25	85·33	86·33	87·00	86·83	87·83	88·00	87·33
8	88·50	90·58	91·50	89·25	87·17	85·25	86·33	87·42	86·83	88·83	88·50	87·50
9	88·17	90·25	91·33	89·25	87·00	85·17	86·17	87·58	86·67	88·50	89·83	87·50
10	88·00	90·25	91·42	89·17	86·75	85·25	86·00	88·42	86·50	88·50	90·67	87·42
11	87·83	90·17	91·33	89·00	86·75	85·25	85·92	88·67	87·00	88·75	90·83	87·42
12	87·50	90·00	91·33	88·75	86·58	85·33	85·92	88·67	87·25	88·00	90·00	86·00
13	87·50	90·17	91·42	88·58	86·50	85·42	86·08	88·58	87·50	89·25	90·67	86·17
14	88·00	90·08	91·25	88·50	86·33	85·50	86·25	88·42	88·50	89·42	90·33	86·33
15	88·17	90·08	91·25	88·50	86·33	85·50	86·33	88·25	89·83	89·83	90·50	86·50
16	88·17	90·17	91·17	88·25	86·25	85·50	86·50	88·17	89·67	89·42	90·50	86·33
17	88·17	90·50	91·17	88·25	86·25	85·58	86·67	87·92	88·83	89·00	89·17	86·33
18	88·17	90·67	90·83	88·17	86·17	85·67	86·83	87·75	88·50	89·00	89·00	86·17
19	88·08	91·25	90·75	88·00	86·08	85·75	86·83	87·58	89·00	89·17	88·50	87·00
20	88·08	91·50	90·58	87·83	86·00	85·92	86·75	87·17	89·17	89·17	88·50	87·25
21	87·75	91·67	90·33	87·67	86·00	86·00	86·75	87·25	89·17	89·75	88·17	87·25
22	87·58	92·00	90·25	87·67	85·92	86·00	86·67	87·25	89·83	90·00	88·17	87·33
23	87·58	92·08	90·17	87·67	85·83	86·17	86·67	87·25	89·67	90·50	88·17	86·83
24	87·58	92·17	90·08	87·58	85·67	86·25	86·67	87·17	89·83	90·75	88·00	86·83
25	87·67	92·50	89·92	87·58	85·58	86·33	86·58	87·17	89·83	89·00	87·92	86·83
26	87·67	92·42	89·75	87·33	85·58	86·42	86·58	87·17	89·92	88·50	87·92	86·83
27	87·75	91·83	89·75	87·50	85·58	86·33	86·42	87·17	90·00	89·08	87·83	86·75
28	87·75	91·75	89·67	87·33	85·50	86·33	86·42	87·08	90·17	89·50	87·83	87·00
29	87·75	92·00	89·67	87·33	85·50	86·33	86·58	87·00	90·17	89·50	87·83	87·50
30	87·25	91·92	89·58	87·33	85·50	86·50	86·58	87·00	90·00	89·00	.....	87·67
31	.....	91·75	.....	87·17	85·42	.....	86·42	.....	90·50	89·00	.....	87·83

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1908–90

TABLE No. 446

1	87·92	92·83	93·92	88·58	85·83	83·92	82·83	83·50	85·25	87·00	87·00	86·50
2	88·00	93·50	93·75	88·42	85·75	83·92	82·83	83·58	85·42	87·17	86·50	86·67
3	87·92	93·83	93·67	88·25	85·58	83·83	82·83	83·67	85·50	87·17	86·50	86·67
4	87·75	94·17	93·67	88·00	85·58	83·75	82·83	83·58	85·83	87·50	86·50	86·33
5	87·58	94·50	93·58	87·83	85·50	83·67	83·83	83·50	85·67	86·00	86·58	86·33
6	87·92	94·17	93·58	87·83	85·42	83·58	82·75	83·42	85·00	86·50	86·83	86·17
7	87·92	93·83	93·58	87·83	85·25	83·50	82·75	83·42	84·33	88·83	86·00	86·17
8	88·17	94·50	93·50	87·75	85·17	83·50	82·75	83·33	84·50	89·00	86·00	86·00
9	88·83	95·25	93·50	87·67	85·17	83·42	82·67	83·33	85·00	90·50	86·00	85·83
10	88·83	95·50	93·33	87·58	85·17	83·42	82·67	83·33	85·25	90·58	85·83	86·00
11	89·25	95·67	93·17	87·50	85·17	83·42	82·67	83·33	85·83	90·17	85·83	86·00
12	89·83	95·83	92·92	87·50	85·17	83·33	82·58	83·33	86·00	90·00	85·83	85·83
13	90·00	96·00	92·50	87·42	85·08	83·33	82·50	83·33	86·25	89·83	85·83	85·75
14	90·17	96·08	91·83	87·33	.....	83·33	82·50	83·33	86·50	89·67	85·75	85·75
15	90·17	95·33	91·50	87·25	84·83	83·33	82·50	83·33	86·50	89·50	85·50	85·83
16	90·17	95·33	91·25	87·17	84·75	83·33	82·50	83·42	86·50	89·50	85·67	85·83
17	89·83	95·50	91·00	87·08	84·83	83·17	82·50	83·42	86·42	89·33	85·67	85·83
18	89·75	95·50	90·83	86·83	84·83	83·17	82·42	83·33	86·50	89·33	86·00	85·83
19	89·58	95·33	90·42	86·75	84·75	83·17	82·42	83·42	86·33	89·17	86·50	85·83
20	89·50	95·17	90·50	86·75	84·75	83·08	82·42	83·67	86·00	88·50	86·83	85·75
21	89·33	95·00	90·33	86·75	84·58	83·00	82·42	84·08	85·00	86·83	86·92	85·58
22	89·17	94·92	90·08	86·67	84·42	83·00	82·42	84·00	86·50	86·83	87·00	85·50
23	89·00	94·83	89·83	86·58	84·42	83·00	82·42	84·00	86·00	86·92	86·50	85·33
24	88·83	94·83	89·67	86·50	84·33	82·92	82·33	84·00	85·83	86·67	86·33	85·17
25	88·75	94·67	89·50	86·33	84·33	82·92	82·25	84·00	85·83	86·67	87·00	85·17
26	88·83	94·58	89·33	86·17	84·42	82·92	82·17	84·25	86·50	86·50	86·92	85·17
27	89·33	94·58	89·17	86·08	84·42	82·92	82·33	84·33	86·00	86·50	86·50	85·17
28	90·50	94·50	89·08	86·00	84·33	82·92	82·67	84·67	86·50	86·67	86·50	85·25
29	91·25	94·42	88·92	86·00	84·17	82·92	82·92	84·83	87·00	86·67	.....	85·33
30	91·50	94·17	88·75	86·00	84·08	82·83	83·25	84·83	87·17	86·83	.....	85·58
31	.....	94·00	.....	85·92	84·00	.....	83·42	.....	87·00	86·83	.....	86·00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1909–10.

TABLE No. 447

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86·33	92·00	96·50	89·42	89·25	86·42	86·75	86·17	86·67	87·50	86·50	86·17
2	86·50	92·67	96·00	89·17	89·25	86·50	86·75	86·17	86·67	87·33	86·17	86·17
3	87·00	92·83	95·75	89·08	89·00	86·42	86·67	86·17	86·75	87·33	86·58	86·17
4	87·17	92·83	95·50	88·83	88·83	86·33	86·58	86·25	86·75	87·50	86·42	86·00
5	87·50	92·50	95·00	88·67	88·75	86·33	86·67	86·17	86·75	87·67	86·33	86·00
6	87·67	92·33	94·75	88·67	88·50	86·33	86·67	86·17	86·75	88·50	87·33	86·00
7	88·83	92·25	94·50	88·50	88·25	86·42	86·58	86·08	86·67	89·83	87·50	86·00
8	90·00	92·25	94·00	88·50	88·17	86·50	86·58	86·08	86·67	87·83	87·50	86·50
9	91·17	92·17	93·67	88·42	87·83	86·50	86·58	86·08	86·67	87·83	86·17	86·67
10	91·00	92·50	93·50	88·33	87·67	86·42	86·50	86·00	86·58	87·92	86·50	86·67
11	90·50	93·00	93·00	88·25	87·50	86·42	86·50	86·00	86·58	87·83	86·83	87·00
12	90·50	94·00	92·83	88·08	87·42	86·42	86·50	86·00	86·58	88·67	86·83	87·00
13	90·25	94·50	92·50	88·08	87·33	86·42	86·50	86·08	86·50	87·50	87·00	86·83
14	90·50	95·00	92·25	87·83	87·33	86·50	86·42	86·08	86·50	88·50	86·50	86·83
15	91·50	94·83	91·67	87·83	87·25	86·58	86·42	86·08	86·50	89·00	86·50	86·83
16	91·67	94·83	91·50	87·75	87·17	86·58	86·33	86·08	86·50	89·50	86·50	86·83
17	91·67	95·50	91·33	87·67	87·08	86·58	86·33	86·00	86·42	89·50	86·17	86·50
18	91·50	95·83	91·00	87·50	87·25	86·58	86·33	86·08	86·50	89·42	86·00	86·33
19	91·50	95·92	90·83	87·50	87·25	86·58	86·25	86·17	87·00	88·33	86·00	86·00
20	92·00	96·00	90·67	87·50	87·17	86·58	86·25	86·25	87·50	87·50	86·00	86·17
21	91·75	96·33	90·58	87·58	87·17	86·50	86·17	86·25	87·67	87·33	85·83	86·33
22	92·25	96·42	90·58	87·67	87·08	86·58	86·08	86·25	87·00	87·25	85·83	86·50
23	92·50	96·50	90·50	87·58	87·00	86·58	86·00	86·33	86·83	87·00	85·92	87·00
24	92·25	96·50	90·42	87·67	87·00	86·67	86·00	86·33	86·50	86·83	86·17	87·25
25	91·83	96·42	90·33	87·83	86·92	86·58	86·08	86·42	86·50	86·83	86·00	87·50
26	91·83	96·33	90·25	88·00	86·92	86·67	86·17	86·50	87·00	86·50	85·83	88·00
27	91·67	96·42	90·08	88·17	86·83	86·75	86·25	86·50	87·00	86·83	86·00	88·17
28	91·75	96·50	90·00	88·42	86·75	86·83	86·25	86·58	87·33	86·83	86·00	88·25
29	91·75	96·58	89·75	88·67	86·67	86·83	86·25	86·58	87·33	86·83	.....	88·33
30	91·75	96·67	89·58	88·92	86·58	86·83	86·33	86·67	87·00	87·00	.....	88·33
31	.....	96·50	.....	89·17	86·58	.....	86·25	.....	87·83	87·00	.....	88·42

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1910–11.

TABLE No. 448

1	88·83	91·17	88·83	87·33	85·33	85·33	84·83	86·25	86·42	87·50	85·00	84·33
2	89·17	91·17	88·83	87·25	85·25	85·25	84·83	86·17	86·42	87·50	85·00	84·75
3	89·33	91·25	89·00	87·17	85·17	85·25	84·83	86·25	86·42	87·50	85·00	84·75
4	89·50	91·17	89·08	87·17	85·25	85·50	84·83	86·25	86·42	87·00	85·00	84·50
5	89·58	91·17	89·00	87·08	85·25	85·67	84·75	86·33	86·42	87·00	85·00	84·50
6	89·92	91·17	89·17	87·00	85·17	85·67	85·17	86·33	86·33	87·50	84·25	84·00
7	90·08	91·08	89·25	87·00	85·17	85·92	85·92	86·33	86·42	86·83	84·25	84·00
8	90·25	90·83	89·42	86·83	85·25	85·92	86·00	86·33	86·42	86·08	84·25	84·00
9	90·50	90·58	89·58	86·75	85·17	85·83	86·17	86·33	87·00	86·00	84·75	84·00
10	90·67	90·17	89·50	86·67	85·17	85·58	86·25	86·33	87·17	88·92	84·75	84·00
11	90·75	90·08	89·42	86·67	85·25	85·50	86·33	86·33	86·33	88·92	84·75	84·00
12	90·58	90·17	89·42	86·67	85·42	85·50	86·42	86·42	86·00	87·00	84·50	83·75
13	90·50	90·00	89·33	86·58	85·25	85·42	86·42	86·42	86·00	87·50	84·25	83·75
14	90·33	89·83	89·25	86·50	85·25	85·50	86·42	86·42	86·50	88·25	84·25	83·75
15	90·17	89·75	89·17	86·42	85·17	85·42	86·50	86·42	86·83	88·83	84·25	83·75
16	90·00	89·67	89·08	86·33	85·17	85·42	86·42	86·42	86·83	88·00	84·25	82·50
17	90·17	89·58	89·00	86·25	85·17	85·33	86·33	86·42	87·25	88·83	84·50	84·00
18	90·25	89·42	88·92	86·08	85·17	85·25	86·33	86·42	87·25	87·25	84·75	84·00
19	90·33	89·33	88·83	85·92	85·25	85·17	86·33	86·42	86·00	87·00	84·75	84·75
20	90·25	89·17	88·75	85·83	85·17	85·17	86·33	86·42	87·00	86·50	84·50	84·75
21	90·25	89·00	88·58	85·83	85·17	85·08	86·25	86·42	86·50	86·83	84·50	84·00
22	90·17	89·08	88·50	85·75	85·17	85·08	86·25	86·42	86·83	86·50	84·25	84·00
23	90·25	89·17	88·33	85·67	85·25	85·00	86·33	86·42	87·33	86·25	84·25	84·00
24	90·33	89·00	88·25	85·58	85·33	84·92	86·25	86·42	87·33	86·25	84·25	84·00
25	90·33	89·00	88·17	85·50	85·42	84·83	86·25	86·33	86·50	86·25	84·50	84·00
26	90·50	88·92	88·17	85·42	85·50	84·83	86·33	86·33	86·33	86·00	84·50	84·00
27	90·83	88·75	87·92	85·42	85·42	84·75	86·33	86·33	87·00	86·00	84·50	84·00
28	91·17	88·67	87·83	85·42	85·42	84·75	86·25	86·33	87·50	86·00	84·50	84·00
29	91·25	88·58	87·67	85·33	85·42	84·83	86·25	86·33	87·50	86·92	.....	84·33
30	91·33	88·67	87·50	85·33	85·42	84·75	86·25	86·33	87·50	86·92	—	84·33
31	.....	88·67	.....	85·33	85·25	.....	86·25	.....	87·00	85·00	.....	84·83

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1911–12.

TABLE No. 449

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	84·92	90·25	91·25	88·17	85·50	84·83	84·33	84·08	85·58	88·33	89·17	85·79
2	85·00	90·83	91·25	88·08	85·42	84·83	84·33	84·08	85·67	89·00	89·00	86·25
3	84·92	91·17	91·00	88·00	85·33	84·75	84·33	84·17	85·67	89·50	89·50	86·33
4	84·92	91·67	90·83	88·00	85·50	84·67	84·33	84·17	86·17	89·33	88·42	86·00
5	84·92	92·00	90·67	87·92	85·25	84·67	84·33	84·25	86·00	90·42	87·96	85·46
6	84·92	92·50	90·42	87·67	85·17	84·75	84·33	84·25	85·00	91·33	88·62	85·33
7	85·08	92·50	90·42	87·58	85·05	84·75	84·25	84·33	85·00	92·00	87·42	86·08
8	85·50	92·67	90·33	87·50	85·25	84·75	84·25	84·33	85·00	92·00	87·17	85·38
9	86·75	92·67	90·25	87·42	85·33	84·75	84·25	84·50	85·17	92·00	87·75	85·29
10	87·67	92·67	90·17	87·33	85·42	84·58	84·25	84·58	85·17	93·00	88·67	85·37
11	88·50	92·67	89·92	87·25	85·50	84·58	84·25	84·67	85·33	94·58	87·83	85·75
12	88·83	92·67	89·75	86·92	85·58	84·67	84·17	84·75	85·58	94·75	87·21	86·00
13	89·00	92·50	89·75	86·75	85·67	84·58	84·17	84·83	85·67	89·00	86·87	86·00
14	89·00	92·25	90·00	86·58	85·83	84·50	84·17	84·83	86·00	89·17	86·96	85·83
15	89·00	92·00	89·92	86·50	85·92	84·50	84·08	84·92	86·50	89·00	87·29	85·12
16	89·00	92·00	90·17	86·42	85·83	84·50	84·08	85·00	86·33	90·00	87·58	85·17
17	89·00	91·83	90·17	86·33	85·83	84·50	83·92	85·08	86·33	89·42	86·38	85·17
18	88·75	91·75	90·17	86·17	85·83	84·42	84·00	85·17	86·17	89·00	85·87	85·17
19	88·58	91·50	89·83	86·00	85·75	84·33	83·92	85·25	86·17	89·50	85·87	85·17
20	88·50	91·25	89·58	86·00	85·58	84·33	83·92	85·25	86·00	89·50	85·54	85·08
21	87·92	91·00	89·50	85·92	85·42	84·33	83·92	85·25	86·83	88·00	86·92	86·08
22	88·25	90·75	89·25	85·83	85·33	84·33	83·92	85·33	87·00	90·08	86·83	86·12
23	88·50	90·75	89·17	85·67	85·17	84·33	83·83	85·33	87·17	89·25	88·12	85·25
24	88·50	90·83	89·08	85·42	85·33	84·33	83·83	85·33	86·50	86·25	88·08	85·17
25	88·50	91·25	88·83	85·50	85·33	84·33	84·00	85·42	86·50	86·25	87·29	85·21
26	88·50	91·25	88·67	85·67	85·25	84·33	84·17	85·50	86·25	86·00	86·29	85·62
27	88·83	91·25	88·67	85·67	85·17	84·33	84·25	85·50	86·17	85·83	86·38	84·83
28	89·08	91·42	88·58	85·67	85·00	84·42	84·25	85·50	87·00	86·00	86·54	84·67
29	89·50	91·42	88·42	85·67	84·83	84·33	84·17	85·58	87·17	87·25	86·58	84·67
30	89·83	91·33	88·25	85·58	84·75	84·33	84·08	85·58	89·00	88·00	.....	84·58
31	.....	91·17	.....	85·50	84·83	.....	84·08	.....	88·17	88·00	.....	84·62

Elevations above M.S L. of Ottawa River at Upper Carillon, for 1912–13.

TABLE No. 450.

1	84·58	90·87	93·83	89·12	86·25	85·62	85·46	87·37	87·58	86·58	87·17	87·21
2	84·58	90·87	93·67	88·96	86·25	85·58	85·42	87·42	87·67	86·58	89·62	87·33
3	84·58	90·87	93·29	88·79	86·12	85·58	85·42	87·46	87·79	86·42	90·50	87·87
4	84·71	90·79	93·25	88·62	86·08	85·62	85·42	87·50	87·83	86·67	90·46	87·17
5	84·29	90·50	93·00	88·46	86·08	85·67	85·42	87·46	87·83	90·04	90·46	87·37
6	84·54	90·42	92·79	88·29	86·04	85·67	85·16	87·42	87·83	90·41	89·71	88·08
7	85·00	90·50	92·71	88·12	85·92	85·75	84·96	87·79	87·88	90·33	88·25	87·87
8	86·33	90·62	92·50	87·96	85·87	85·75	84·79	88·79	88·00	90·54	88·12	87·46
9	88·33	90·58	92·29	87·79	85·83	85·75	84·75	89·29	88·58	92·54	88·42	87·00
10	88·37	90·58	92·17	87·71	85·83	85·75	84·62	89·37	88·12	93·00	88·46	87·33
11	88·37	90·62	91·96	87·75	85·92	85·75	84·37	89·29	87·92	93·42	88·33	87·08
12	88·75	90·75	91·79	87·54	86·04	85·75	84·21	89·12	88·33	89·87	89·46	87·00
13	89·08	90·87	91·62	87·37	86·12	85·75	84·37	88·92	90·17	90·08	89·67	86·17
14	88·91	91·17	91·33	87·50	86·21	85·71	84·33	89·08	89·42	90·50	88·12	86·00
15	89·00	91·25	91·12	87·42	86·33	85·67	84·33	89·21	89·00	90·62	89·12	86·17
16	89·46	91·25	90·96	87·50	86·29	85·67	84·25	89·21	88·29	90·17	88·75	87·33
17	89·91	91·50	91·00	87·42	86·33	85·67	84·25	88·91	87·42	89·00	88·21	88·12
18	90·16	91·71	90·89	87·37	86·21	85·67	84·25	88·71	89·00	87·08	87·83	88·33
19	90·29	92·12	90·71	87·25	86·12	85·54	84·25	88·33	89·00	86·79	88·00	87·71
20	90·50	92·25	90·62	87·17	86·00	85·50	85·21	88·21	88·42	87·67	89·12	87·91
21	90·37	92·25	90·58	87·04	85·92	85·50	85·50	88·12	89·58	87·79	87·91	88·62
22	90·37	92·25	90·58	87·00	85·83	85·46	85·75	88·04	90·00	87·91	87·71	89·50
23	91·12	92·32	90·46	87·08	85·71	85·42	85·96	87·96	89·42	87·88	88·25	90·00
24	91·21	92·37	90·29	86·92	85·62	85·42	86·21	87·75	90·25	87·63	88·00	90·00
25	91·42	92·42	90·21	86·83	85·58	85·50	86·42	87·83	90·62	87·13	87·62	90·54
26	91·42	92·62	90·12	86·71	85·58	85·50	86·79	87·71	90·67	87·75	87·33	90·87
27	91·25	92·71	89·96	86·67	85·67	85·54	87·04	87·67	89·83	86·83	88·29	90·67
28	91·25	92·79	89·79	86·51	85·79	85·58	87·29	87·54	89·67	88·54	87·50	90·29
29	91·17	92·96	89·58	86·50	85·83	85·58	87·29	87·42	90·00	89·75	.....	89·83
30	91·08	93·16	89·33	86·42	85·83	85·46	87·37	87·46	88·42	89·67	.....	89·50
31	.....	93·58	.....	86·29	85·71	.....	87·50	.....	87·54	88·29	.....	89·54

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1913–14.

TABLE No. 451.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	90·54	91·33	89·25	86·00	84·83	84·42	85·00	86·92	87·92	86·21	90·21	87·58
2	90·87	91·71	88·88	86·00	84·83	84·42	85·00	86·83	87·92	86·42	90·12	87·42
3	90·75	91·91	88·63	85·83	84·71	84·42	85·12	86·75	87·92	86·50	90·00	87·21
4	90·58	92·25	88·54	85·75	84·67	84·50	85·25	86·75	87·92	86·54	89·83	87·29
5	90·83	92·46	88·42	85·71	84·62	84·50	85·25	86·67	87·92	86·75	89·42	87·54
6	91·00	92·50	88·33	85·67	84·54	84·50	85·25	86·67	87·92	86·83	88·58	87·37
7	90·95	92·50	88·25	85·55	84·50	84·50	85·12	86·58	87·92	87·00	88·21	87·50
8	90·92	92·38	88·21	85·50	84·50	84·50	85·00	86·54	87·92	87·12	88·33	86·08
9	90·83	92·29	88·04	85·42	84·50	84·50	85·00	86·50	87·83	87·21	88·58	86·00
10	90·75	92·12	87·92	85·42	84·50	84·50	85·00	86·62	87·75	87·42	88·96	86·42
11	90·75	91·83	87·83	85·33	84·50	84·37	84·92	86·67	87·67	87·54	89·33	86·54
12	90·67	91·67	87·75	85·33	84·50	84·25	84·92	86·67	87·58	87·87	89·67	86·75
13	90·58	91·42	87·71	85·33	84·46	84·25	84·83	86·79	87·50	88·04	89·92	85·83
14	90·50	91·12	87·58	85·25	84·33	84·25	84·83	86·92	87·33	88·29	90·12	85·71
15	90·46	91·00	87·50	85·25	84·33	84·17	84·92	87·00	87·12	88·71	90·37	85·67
16	90·33	90·83	87·50	85·25	84·33	84·17	84·92	87·29	87·00	88·83	90·12	85·58
17	90·33	90·54	87·50	85·25	84·33	84·17	84·92	87·37	87·00	88·96	89·21	85·58
18	90·33	90·50	87·50	85·25	84·25	84·25	84·92	87·42	87·00	89·25	89·00	85·50
19	90·50	90·33	87·50	85·25	84·25	84·25	85·00	87·50	86·96	89·58	88·79	85·75
20	90·62	90·04	87·42	85·25	84·17	84·33	85·00	87·54	86·83	89·96	88·50	86·33
21	90·67	89·79	87·42	85·25	84·17	84·42	85·42	87·67	86·83	90·08	88·33	86·92
22	90·58	89·63	87·25	85·25	84·17	84·50	85·75	87·67	86·75	90·33	88·21	86·50
23	90·50	89·50	87·08	85·25	84·29	84·62	86·00	87·79	86·75	90·33	88·54	85·71
24	90·50	89·42	87·00	85·25	84·25	84·67	86·17	87·79	86·75	90·33	88·67	85·67
25	90·50	89·42	86·83	85·25	84·25	84·67	86·46	87·71	86·62	90·42	88·46	85·62
26	90·50	89·33	86·67	85·08	84·25	84·71	86·79	87·67	86·54	90·50	88·33	85·46
27	90·58	89·17	86·58	85·00	84·33	84·75	86·83	87·67	86·50	90·33	88·08	85·42
28	90·79	89·50	86·50	85·00	84·42	84·79	86·83	87·67	86·42	90·12	87·79	86·54
29	90·87	89·50	86·38	85·00	84·37	84·83	87·00	87·75	86·42	90·00	.....	86·83
30	91·12	89·42	86·25	85·00	84·29	85·00	87·00	87·83	86·42	90·33	.....	87·17
31	.....	89·29	.....	85·00	84·42	.....	87·00	.....	86·25	90·50	.....	87·58

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1914–15.

TABLE No. 452.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	87·50	89·08	87·50	86·71	85·00	83·71	83·08	83·50	84·75	84·50	84·17	84·67
2	87·50	89·17	87·50	86·67	85·00	83·58	83·08	83·50	84·83	84·42	84·21	84·67
3	87·62	89·25	87·50	86·67	84·96	83·58	83·08	83·50	85·00	84·42	84·25	84·50
4	87·58	89·25	87·21	86·67	84·87	83·54	83·00	83·50	85·21	84·33	84·29	84·42
5	87·54	89·25	87·17	86·71	84·83	83·50	83·00	83·50	85·46	84·33	84·21	84·35
6	87·37	89·33	87·17	86·67	84·83	83·50	83·00	83·58	85·75	84·33	84·25	84·27
7	87·08	89·37	87·12	86·58	84·75	83·50	83·00	83·58	86·00	84·42	84·17	84·23
8	86·83	89·50	87·00	86·58	84·58	83·50	83·00	83·58	85·42	84·58	84·08	84·17
9	86·79	89·54	87·00	86·54	84·46	83·50	83·00	83·58	85·25	84·67	84·12	84·12
10	86·37	89·67	87·00	86·46	84·46	83·58	83·00	83·58	85·12	84·63	84·17	84·08
11	86·25	89·62	87·00	86·33	84·50	83·58	83·00	83·58	85·04	84·54	84·17	84·08
12	86·17	89·58	86·96	86·33	84·50	83·58	83·08	83·54	84·83	84·58	84·17	84·04
13	86·25	89·58	86·83	86·25	84·50	83·58	83·17	83·50	84·83	84·58	84·08	84·04
14	86·12	89·58	86·71	86·17	84·50	83·58	83·29	83·50	84·83	84·54	84·17	84·00
15	86·00	89·50	86·67	86·08	84·50	83·58	83·33	83·50	85·25	84·50	84·12	84·02
16	86·00	89·42	86·67	85·96	84·50	83·58	83·25	83·75	85·79	84·46	84·08	84·06
17	86·00	89·42	86·62	85·83	84·42	83·58	83·25	84·17	84·79	84·42	84·17	84·08
18	86·25	89·25	86·50	85·75	84·33	83·54	83·33	84·50	85·17	84·42	84·17	84·08
19	86·58	89·00	86·50	85·75	84·25	83·50	83·33	84·71	84·92	84·42	84·17	84·04
20	86·92	88·92	86·50	85·75	84·25	83·46	83·37	84·75	85·75	84·46	84·08	84·04
21	87·08	88·75	86·50	85·67	84·25	83·37	83·46	84·83	85·42	84·50	84·04	84·06
22	87·54	88·46	86·62	85·67	84·25	83·33	83·50	84·92	87·42	84·50	83·94	84·12
23	87·67	88·42	86·79	85·58	84·21	83·33	83·50	84·92	87·37	84·42	84·00	84·37
24	87·67	88·25	86·96	85·42	84·17	83·33	83·50	84·83	85·08	84·42	84·08	84·75
25	87·50	88·08	87·00	85·42	84·17	83·29	83·50	84·75	84·79	84·37	84·40	85·25
26	87·75	88·00	86·92	85·42	84·17	83·21	83·50	84·75	84·71	84·33	84·81	85·52
27	88·38	87·87	86·87	85·33	84·12	83·17	83·54	84·79	85·12	84·33	84·83	85·62
28	88·50	87·83	86·67	85·29	84·08	83·17	83·58	84·83	84·67	84·33	84·75	85·29
29	88·58	87·83	86·75	86·25	84·00	83·12	83·58	84·83	84·54	84·33	.....	85·12
30	89·08	87·75	86·96	85·25	84·00	83·08	83·58	84·75	84·58	84·25	.....	84·94
31	.....	87·54	.....	85·08	83·96	.....	83·58	.....	84·54	84·27	.....	84·79

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1870.

TABLE No. 453.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·20	73·20	71·95
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·20	73·20	71·95
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·20	73·20	71·95
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·03	73·20	71·95
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·03	73·20	71·95
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·03	73·20	71·87
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·03	73·20	71·87
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·03	73·03	71·87
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·03	73·03	71·87
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·95	72·95	71·78
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·95	72·87	71·78
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·95	72·87	71·70
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·95	72·70	71·70
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·95	72·70	71·70
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·37	72·70	71·70
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·37	72·53	71·70
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·53	72·53	71·53
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·53	72·53	71·53
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·70	72·20	71·53
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·70	72·20	71·53
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·70	72·12	71·70
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·70	72·03	71·70
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·53	72·03	71·70
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·53	72·03	71·87
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·53	71·95	71·87
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·12	71·95	71·87
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·53	71·95	71·95
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	72·12	71·95	72·03
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	72·70	.....	72·20
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	73·12	.....	72·20
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	73·20	.....	72·20

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1870–71.

TABLE No. 454.

1	72·70	80·70	74·20	71·70	70·70	69·70	68·53	70·03	71·28	70·95	71·37	71·45
2	72·78	80·03	74·20	71·20	70·70	69·70	68·53	70·20	71·28	70·95	71·37	71·37
3	73·03	80·28	73·95	71·20	70·70	69·70	68·53	70·28	71·20	70·95	71·37	71·37
4	73·20	80·03	73·95	71·20	70·62	69·70	68·62	70·37	71·20	70·95	71·37	71·37
5	73·53	80·03	73·87	71·20	70·62	69·70	68·70	70·45	71·20	71·03	71·37	71·37
6	74·37	79·87	73·70	71·20	70·53	69·78	68·70	70·53	71·20	71·03	71·45	71·37
7	74·45	79·70	73·70	71·20	70·53	69·87	68·62	70·53	71·03	71·03	71·53	71·45
8	74·70	79·28	73·53	71·20	70·53	69·87	68·53	70·62	71·03	71·20	71·53	71·62
9	74·95	78·87	73·53	71·20	70·45	69·87	68·53	70·70	70·87	71·20	71·53	71·70
10	76·20	78·70	73·03	71·20	70·37	70·03	68·53	70·87	70·78	71·20	71·53	72·20
11	77·03	78·53	72·87	71·20	70·37	69·95	68·53	70·95	70·78	71·20	71·45	72·37
12	77·87	78·37	72·70	70·95	70·28	69·95	68·37	70·95	70·78	71·20	71·37	73·20
13	79·03	78·03	72·62	70·95	70·20	69·95	68·37	70·95	70·78	71·28	71·37	73·37
14	78·95	77·70	72·62	71·03	70·20	69·95	68·37	71·03	70·78	71·37	71·37	74·03
15	78·95	77·53	72·53	71·03	70·20	69·87	68·28	71·20	70·70	71·37	71·37	74·20
16	79·12	77·20	72·53	71·03	70·20	69·87	68·28	71·37	70·70	71·37	71·37	74·20
17	79·20	77·03	72·53	71·03	70·03	69·87	68·28	71·45	70·70	71·37	71·20	74·20
18	79·37	76·95	72·45	71·03	70·03	69·78	68·28	71·62	70·70	71·37	71·20	74·37
19	79·70	76·70	72·45	71·12	70·03	69·70	68·28	71·87	70·70	71·28	71·20	74·53
20	79·70	76·70	72·45	71·20	69·95	69·70	68·37	71·87	70·87	71·28	71·20	74·70
21	79·95	76·53	72·20	71·28	69·87	69·53	68·53	71·87	70·87	71·28	71·20	74·70
22	80·03	76·03	72·12	70·95	69·70	69·37	68·53	71·78	70·87	71·12	71·20	74·12
23	80·28	75·95	71·87	70·95	69·70	69·03	68·78	71·70	70·78	71·12	71·20	74·12
24	80·45	75·70	71·70	70·95	69·70	69·03	68·87	71·70	70·78	71·12	71·45	74·12
25	80·53	75·53	71·70	70·87	69·70	68·87	68·95	71·70	70·78	71·12	71·45	74·12
26	80·70	75·37	71·70	70·87	69·70	68·87	69·12	71·62	70·78	71·12	71·45	73·87
27	80·70	75·37	71·70	70·87	69·70	68·70	69·28	71·62	70·78	71·20	71·45	73·87
28	80·70	75·20	71·70	70·87	69·70	68·70	69·45	71·53	70·70	71·28	.....	73·87
29	80·70	75·03	71·70	70·78	69·70	68·70	69·53	71·37	70·70	71·28	.....	73·78
30	80·70	74·70	71·70	70·78	69·70	68·62	69·70	71·28	70·70	71·28	.....	73·70
31	.....	74·20	.....	70·70	69·70	.....	69·87	.....	70·70	71·28	.....	73·37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1871–72.

TABLE No. 455.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	73·37	77·70	76·20	73·53	71·53	70·28	69·20	70·28	70·20	69·95	70·20	70·20
2	73·37	78·20	76·03	73·37	71·45	70·28	69·12	70·28	70·20	69·95	70·20	70·20
3	73·70	78·37	76·03	73·37	71·45	70·12	69·16	70·28	70·20	69·95	70·20	70·37
4	73·87	78·53	75·78	73·20	71·37	70·12	69·20	70·28	70·12	70·12	70·20	70·37
5	73·87	78·87	75·70	73·03	71·37	70·03	69·20	70·28	70·12	70·20	70·28	70·37
6	73·87	79·03	75·70	72·95	71·28	69·87	69·28	70·20	70·12	70·20	70·37	70·37
7	73·95	79·03	75·53	72·87	71·28	69·78	69·45	70·20	70·12	70·20	70·37	70·45
8	73·95	78·87	75·53	72·70	71·28	69·70	69·28	70·20	70·03	70·20	70·37	70·53
9	74·03	79·20	75·45	72·70	71·28	69·87	69·28	70·20	69·95	70·20	70·28	70·53
10	74·20	79·20	75·28	72·70	71·20	69·87	69·20	70·28	69·95	70·37	70·20	70·45
11	74·20	79·12	75·20	72·62	71·20	69·78	69·20	70·28	69·87	70·37	70·20	70·28
12	74·28	79·12	75·20	72·62	71·12	69·70	69·20	70·20	69·87	70·45	70·20	70·37
13	74·37	79·12	74·95	72·53	71·03	69·62	69·28	70·20	69·70	70·45	70·20	70·45
14	74·53	78·78	74·95	72·45	70·95	69·62	69·28	70·37	69·70	70·45	70·20	70·45
15	74·70	78·62	74·95	72·20	70·95	69·62	69·62	70·78	69·70	70·37	70·20	70·45
16	74·70	78·53	74·70	72·20	70·87	69·53	69·53	70·70	69·70	70·37	70·20	70·45
17	74·70	78·37	74·70	72·12	70·87	69·37	69·70	70·70	69·70	70·37	70·28	70·45
18	74·78	78·28	74·70	72·12	70·78	69·45	69·78	70·70	69·70	70·37	70·28	70·45
19	75·03	77·78	74·70	72·03	70·70	69·45	69·78	70·70	69·70	70·37	70·28	70·45
20	75·20	77·53	74·70	72·03	70·70	69·37	69·70	70·70	69·70	70·37	70·28	70·45
21	75·37	77·53	74·37	71·95	70·70	69·37	69·62	70·53	69·70	70·28	70·28	70·53
22	75·62	77·45	74·37	71·87	70·70	69·37	69·70	70·53	69·70	70·20	70·37	70·53
23	75·70	77·28	74·20	71·87	70·70	69·28	69·87	70·53	69·70	70·20	70·28	70·53
24	75·95	77·03	74·20	71·87	70·62	69·28	69·95	70·53	69·70	70·20	70·20	70·53
25	76·28	76·78	73·87	71·78	70·53	69·28	70·12	70·53	69·70	70·20	70·20	70·53
26	76·53	76·70	73·87	71·78	70·53	69·28	70·03	70·45	69·70	70·20	70·20	70·45
27	76·78	76·70	73·78	71·70	70·53	69·20	70·12	70·37	69·70	70·20	70·28	70·28
28	76·95	76·70	73·70	71·70	70·45	69·20	70·12	70·20	69·70	70·20	70·37	70·28
29	77·20	76·62	73·70	71·70	70·37	69·16	70·20	70·20	69·70	70·20	70·45	70·28
30	77·37	76·37	73·70	71·70	70·37	69·12	70·20	70·20	69·70	70·20	.....	70·03
31	.....	76·20	.....	71·53	70·37	.....	70·20	.....	69·70	70·20	.....	70·03

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1872–73.

TABLE No. 456.

1	70·20	74·87	76·70	73·28	71·62	70·45	71·95	72·53	71·28	71·87	73·03	72·62
2	70·28	75·20	76·53	73·28	71·70	70·45	71·70	72·62	71·37	71·62	72·95	72·45
3	70·37	75·45	76·62	73·20	71·62	70·45	71·70	72·53	71·28	71·53	72·95	72·20
4	70·37	75·45	76·70	73·12	71·62	70·45	71·62	72·45	71·37	71·62	73·03	72·12
5	70·37	75·45	76·78	73·03	71·70	70·45	71·78	72·37	71·28	71·62	73·03	72·03
6	70·45	75·78	76·78	72·95	71·53	70·62	71·78	72·45	71·37	71·62	72·87	72·03
7	70·45	76·03	76·78	72·87	71·45	70·62	71·95	72·28	71·28	71·62	72·62	72·03
8	70·53	76·28	76·70	72·87	71·37	70·78	72·53	72·12	71·28	71·70	72·37	72·03
9	70·53	76·53	76·70	72·95	71·37	70·95	72·62	71·95	71·28	71·70	72·45	71·87
10	70·53	76·62	76·62	72·70	71·20	70·95	72·62	71·95	71·28	71·62	72·45	71·78
11	71·37	76·95	76·45	72·62	71·20	70·87	72·45	72·03	71·28	71·70	72·62	71·70
12	72·20	77·12	76·20	72·53	71·12	70·87	72·45	71·95	71·28	71·70	73·03	71·78
13	72·70	77·45	76·20	72·45	71·03	70·78	72·45	71·95	71·28	71·70	73·12	71·70
14	73·28	77·78	76·03	72·37	71·03	70·70	72·37	72·03	71·45	71·70	73·12	71·62
15	72·70	77·87	75·95	72·28	70·87	70·87	72·28	71·95	71·37	71·87	73·20	71·53
16	73·03	78·03	75·70	72·53	70·95	70·87	72·37	72·03	71·37	72·03	72·95	71·62
17	73·12	78·20	75·62	72·28	70·87	70·95	72·53	71·78	71·37	71·95	73·03	71·53
18	73·03	77·87	75·62	72·28	70·78	71·12	72·45	71·70	71·37	72·03	73·03	71·70
19	73·20	78·20	75·45	72·28	70·70	71·53	72·45	71·87	71·53	72·12	72·87	71·70
20	73·20	78·12	75·12	72·28	70·78	71·53	72·53	71·70	71·53	72·28	72·62	71·62
21	73·28	77·78	74·87	72·20	70·70	71·87	72·70	71·78	71·53	72·20	72·45	71·70
22	73·53	77·70	74·70	71·87	71·03	71·95	72·70	71·62	71·53	72·45	72·62	71·70
23	73·53	77·70	74·53	71·87	71·12	72·03	72·62	71·62	71·53	72·37	72·70	71·62
24	73·70	77·70	74·53	71·78	70·95	72·03	72·53	71·53	71·53	72·37	72·78	71·62
25	73·70	77·53	73·95	71·78	70·95	72·20	72·62	71·53	71·53	72·62	72·87	71·70
26	73·87	77·37	73·95	71·87	70·78	72·03	72·62	71·45	71·62	72·53	73·03	71·70
27	74·03	77·20	73·95	71·70	70·70	71·95	72·62	71·53	71·62	72·53	72·95	71·87
28	74·53	77·12	73·78	71·78	70·78	71·95	72·62	71·45	71·70	72·62	72·87	71·95
29	74·53	77·03	73·62	71·78	70·62	72·12	72·53	71·37	71·70	72·70	.....	71·87
30	74·70	76·95	73·37	71·87	70·62	71·95	72·62	71·28	71·78	72·87	.....	72·03
31	.....	76·78	.....	71·70	70·53	.....	72·62	.....	71·87	72·95	.....	72·20

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1873–74.

TABLE No. 457.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	72·37	76·03	79·78	74·28	72·28	70·70	70·87	73·03	72·45	72·62	73·62	72·70
2	72·45	76·20	79·70	74·12	72·28	70·62	70·95	73·12	72·37	72·37	73·62	72·53
3	72·53	76·45	79·53	74·03	72·28	70·62	71·20	72·95	72·20	72·28	73·87	72·28
4	72·78	76·95	79·20	74·03	72·28	70·70	71·45	72·95	72·28	72·03	73·70	72·53
5	73·03	77·20	79·12	74·03	72·20	70·62	71·78	72·87	72·37	72·12	73·62	72·70
6	73·37	77·28	78·78	73·95	72·12	70·70	72·20	72·87	72·45	72·20	73·95	73·12
7	73·62	77·37	78·45	73·95	72·03	70·62	72·45	72·87	72·78	72·37	73·87	73·28
8	73·95	77·45	78·28	73·87	71·95	70·62	72·45	72·95	72·95	72·62	73·78	73·45
9	74·20	77·62	78·62	73·78	71·95	70·53	72·53	72·70	72·70	72·70	73·70	73·53
10	74·53	77·87	77·78	73·70	71·95	70·62	72·70	72·78	72·53	72·78	73·62	73·53
11	75·20	77·95	77·70	73·62	71·95	70·53	72·70	72·70	72·53	72·95	73·37	73·62
12	75·70	78·12	77·45	73·53	72·03	70·45	72·53	72·45	72·37	72·95	73·28	73·53
13	76·12	78·28	77·20	73·37	71·95	70·45	72·45	72·62	72·28	73·03	73·12	73·78
14	76·53	78·62	76·95	73·28	71·87	70·37	72·28	72·53	72·45	73·03	73·03	73·95
15	77·62	79·03	76·78	73·12	71·78	70·45	72·37	72·62	72·53	73·20	72·95	73·78
16	78·12	79·53	76·62	73·12	71·70	70·45	72·20	72·62	72·53	73·37	72·87	73·62
17	78·03	79·70	76·53	73·12	71·53	70·20	72·28	72·70	72·37	73·53	73·03	73·37
18	77·87	79·78	76·37	73·03	71·53	70·28	72·28	72·78	72·20	73·53	73·28	73·12
19	77·53	79·87	76·03	72·95	71·45	70·45	72·28	72·70	72·03	73·37	73·28	72·95
20	77·28	79·87	75·62	72·78	71·45	70·28	72·45	72·53	72·20	73·20	73·20	73·37
21	76·78	79·87	75·37	72·70	71·37	70·37	72·78	72·45	72·53	73·03	73·28	73·87
22	76·70	79·70	75·37	72·62	71·28	70·45	72·78	72·37	72·62	73·03	73·12	74·03
23	76·53	79·62	75·37	72·53	71·12	70·53	72·62	72·12	72·45	73·12	73·20	74·28
24	76·37	79·53	75·12	72·45	71·12	70·53	72·62	72·20	72·28	73·12	73·28	74·45
25	76·20	79·62	74·95	72·45	71·12	70·78	72·53	72·12	72·12	73·37	73·12	74·28
26	76·12	79·70	74·78	72·45	71·03	70·70	72·62	72·12	71·95	73·62	73·12	74·20
27	76·20	79·70	74·53	72·37	71·03	70·78	72·70	72·20	72·28	73·70	72·95	73·70
28	76·03	79·87	74·53	72·37	70·95	70·70	72·95	72·03	72·53	73·78	72·95	73·53
29	76·03	80·03	74·45	72·37	70·95	70·78	73·03	72·28	72·28	73·62	.....	73·28
30	76·03	80·03	74·37	72·37	70·95	70·87	73·12	72·28	72·37	73·62	.....	73·12
31	.....	79·78	.....	72·28	70·87	.....	73·20	.....	72·37	73·70	.....	72·95

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1874–75.

TABLE No. 458.

1	72·78	72·62	78·53	76·45	72·37	70·28	69·62	69·70	70·03	70·70	70·62	72·62
2	72·70	72·53	78·53	76·20	72·28	70·37	69·70	69·70	70·12	70·78	70·53	72·70
3	72·62	72·45	78·53	76·03	72·20	70·28	69·70	69·62	70·03	70·78	70·28	72·70
4	72·45	72·37	78·37	75·95	72·03	70·28	69·70	69·70	70·12	70·70	70·28	72·78
5	72·28	72·53	78·28	75·87	72·12	70·20	69·70	69·62	69·95	70·87	70·37	72·87
6	72·28	72·70	78·20	75·62	72·03	70·20	69·78	69·53	70·03	70·70	70·28	72·78
7	72·12	72·87	78·12	75·45	72·03	70·12	69·87	69·87	70·12	70·53	70·53	72·70
8	71·95	72·95	78·03	75·28	72·03	70·12	69·87	69·87	70·12	70·45	70·70	72·70
9	71·95	73·20	77·95	75·28	71·87	70·12	69·87	69·95	70·03	70·53	70·95	72·70
10	71·95	73·45	77·87	75·03	71·78	70·03	69·87	69·87	69·95	70·62	71·28	72·62
11	71·78	73·70	77·70	74·87	71·70	70·03	69·87	70·03	70·12	70·53	71·70	72·12
12	71·70	74·03	77·53	74·78	71·62	69·95	69·87	69·95	70·03	70·62	72·03	71·87
13	71·70	74·28	77·62	74·70	71·62	69·87	69·87	69·95	69·95	70·53	72·20	71·70
14	71·78	74·62	77·70	74·53	71·45	69·87	69·78	69·87	70·03	70·45	72·45	71·78
15	72·03	75·20	77·62	74·20	71·37	69·87	69·78	69·87	70·12	70·53	72·70	71·53
16	72·37	75·53	77·53	74·12	71·28	69·87	69·78	69·95	70·03	70·62	72·78	71·53
17	73·28	75·87	77·53	73·95	71·28	69·87	69·70	70·12	70·20	70·70	72·70	71·53
18	72·95	76·20	77·45	73·70	71·12	69·78	69·70	70·03	70·28	70·62	72·87	71·70
19	73·03	76·53	77·62	73·70	71·12	69·87	69·62	69·95	70·37	70·87	72·87	71·53
20	73·12	76·87	77·62	73·70	70·95	69·87	69·70	69·87	70·45	70·95	72·87	71·70
21	73·12	77·28	77·62	73·53	70·78	69·78	69·78	69·95	70·53	70·87	72·87	71·78
22	73·20	77·53	77·70	73·45	70·70	69·78	69·87	69·95	70·37	70·78	72·78	71·70
23	73·28	78·03	77·78	73·37	70·78	69·70	69·78	70·03	70·45	70·87	72·87	71·62
24	73·37	78·37	77·70	73·20	70·78	69·70	69·70	70·03	70·53	70·95	72·70	71·62
25	73·45	78·62	77·70	73·03	70·78	69·78	69·70	69·95	70·62	70·87	72·70	71·62
26	73·28	78·45	77·53	72·87	70·70	69·70	69·70	70·03	70·45	70·70	72·70	71·45
27	73·37	78·45	77·70	72·78	70·70	69·78	69·70	70·12	70·28	70·95	72·53	71·37
28	73·20	78·37	77·28	72·78	70·70	69·70	69·78	70·03	70·45	70·78	72·53	71·37
29	73·03	78·45	76·95	72·70	70·70	69·70	69·70	69·95	70·53	70·87	.....	71·28
30	72·95	78·45	76·62	72·62	70·45	69·62	69·62	70·03	70·70	70·95	.....	71·20
31	.....	78·45	.....	72·37	70·53	.....	69·70	.....	70·70	70·78	.....	71·20

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1875–76.

TABLE No. 459.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	73·12	78·12	73·12	71·70	.....	70·53	71·37	71·62	71·28	72·53	74·45
2	.....	73·37	77·87	73·03	71·70	.....	70·45	71·28	71·70	71·28	72·70	74·20
3	.....	73·53	77·70	72·95	71·70	.....	70·53	71·37	71·53	71·20	72·95	73·95
4	.....	73·70	77·37	72·87	71·53	.....	70·62	71·37	71·37	71·37	73·03	73·53
5	.....	74·03	77·03	72·78	71·53	.....	70·62	71·45	71·37	71·45	72·87	73·45
6	.....	74·28	76·70	72·70	71·62	.....	70·62	71·45	71·45	71·62	72·87	73·20
7	.....	74·53	76·45	72·70	71·45	.....	70·70	71·62	71·37	71·70	72·78	73·03
8	.....	74·62	76·28	72·62	71·45	.....	70·78	71·62	71·28	71·78	72·78	73·37
9	.....	75·03	76·20	72·53	71·37	.....	70·87	71·70	71·28	72·03	72·78	73·78
10	.....	75·37	76·03	72·45	71·37	.....	70·87	71·70	71·28	72·28	72·70	74·12
11	.....	75·70	75·78	72·28	71·37	.....	70·95	71·62	71·28	72·53	72·70	74·45
12	.....	76·37	75·62	72·28	71·28	.....	70·95	71·62	71·20	72·70	72·70	74·53
13	.....	77·03	75·20	72·20	71·37	.....	71·03	71·53	71·20	72·87	72·62	74·53
14	.....	77·70	74·95	72·12	71·28	.....	71·12	71·78	71·28	72·95	72·62	74·45
15	.....	78·37	74·70	72·12	71·37	.....	71·20	71·62	71·37	73·03	72·87	74·53
16	.....	78·95	74·62	72·03	71·45	.....	71·20	71·53	71·28	72·87	73·20	74·45
17	.....	79·37	74·53	71·95	71·70	.....	71·12	71·28	71·20	72·70	73·37	74·53
18	.....	79·95	74·37	71·87	71·87	.....	71·20	71·95	71·28	72·62	73·53	74·45
19	.....	80·03	74·20	71·78	71·95	.....	71·28	71·78	71·37	72·70	73·70	74·45
20	.....	80·03	74·03	71·87	72·03	.....	71·20	71·62	71·37	72·87	73·70	74·53
21	.....	80·03	74·03	71·78	71·95	.....	71·28	71·45	71·45	72·95	73·70	74·62
22	.....	79·95	73·87	71·87	71·78	.....	71·28	71·37	71·45	73·03	73·78	74·62
23	.....	79·78	73·70	71·95	71·78	.....	71·20	71·45	71·45	73·12	74·12	74·53
24	.....	79·70	73·62	71·78	71·70	.....	71·28	71·37	71·37	73·12	74·37	74·45
25	.....	79·45	73·53	71·70	71·70	.....	71·37	71·37	71·28	72·95	74·62	74·20
26	.....	79·28	73·45	71·87	71·78	.....	71·37	71·28	71·28	72·87	74·70	73·95
27	.....	79·20	73·28	71·95	71·78	.....	71·28	71·28	71·20	72·87	74·62	73·87
28	.....	78·95	73·28	72·03	71·70	.....	71·28	71·28	71·28	72·78	74·45	73·87
29	.....	78·70	73·28	71·95	71·62	.....	71·45	71·37	71·28	72·70	74·70	73·78
30	.....	78·53	73·20	71·87	71·53	.....	71·62	71·45	71·28	72·70	.....	73·62
31	.....	78·28	.....	71·78	71·53	.....	71·37	.....	71·28	72·62	.....	73·37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1876–77.

TABLE No. 460.

1	73·20	78·12	81·20	76·20	72·45	70·37	.....	70·87	71·45	72·03	71·95	70·30
2	73·03	78·20	80·87	76·03	72·37	70·45	.....	70·95	71·45	71·95	71·80	70·20
3	72·95	78·28	80·62	75·62	72·28	70·28	.....	70·87	71·45	72·05	71·70	70·20
4	72·95	78·37	80·45	75·45	72·20	70·20	.....	70·95	71·37	72·20	71·55	70·30
5	72·87	78·62	80·20	75·37	72·28	70·20	.....	70·95	71·28	72·30	71·30	70·20
6	72·95	78·78	79·95	75·37	72·03	70·20	.....	71·12	71·28	72·35	71·10	70·20
7	73·03	79·45	79·53	75·28	72·03	70·20	.....	71·20	71·20	72·35	71·05	70·20
8	72·95	80·03	79·20	75·37	71·87	70·20	.....	71·20	71·20	72·45	71·05	70·30
9	72·95	80·37	78·87	75·37	71·78	70·20	.....	71·37	71·28	72·45	70·95	70·45
10	72·95	80·87	78·70	75·37	71·70	70·20	.....	71·45	71·37	72·45	71·05	70·55
11	72·87	81·28	78·62	75·28	71·62	70·12	.....	71·53	71·28	72·45	70·95	70·45
12	72·87	81·95	78·28	75·03	71·53	70·03	.....	71·53	71·20	72·35	71·05	70·45
13	73·20	82·20	78·03	74·87	71·53	70·03	.....	71·62	71·20	72·30	70·95	70·45
14	73·70	82·70	78·03	74·87	71·45	70·03	.....	71·62	71·28	72·35	71·10	70·35
15	74·37	83·03	78·03	74·70	71·53	70·03	.....	71·78	71·28	72·30	70·95	70·45
16	75·62	83·20	78·12	74·45	71·45	70·03	.....	71·78	71·28	72·30	70·95	70·45
17	75·95	83·20	78·12	74·28	71·28	70·03	.....	71·78	71·37	72·55	71·05	70·55
18	76·37	83·28	78·20	74·12	71·28	70·03	.....	71·78	71·45	72·55	71·10	70·45
19	76·53	83·12	78·20	73·87	71·12	70·03	.....	71·78	71·53	72·45	71·20	70·45
20	76·53	82·95	78·20	73·70	71·12	70·03	.....	71·78	71·62	72·30	71·20	70·55
21	76·70	82·70	78·12	73·45	70·95	69·95	.....	71·78	71·70	72·30	71·30	70·45
22	77·03	82·62	78·12	73·28	70·87	69·87	.....	71·78	71·78	72·20	71·10	70·35
23	77·45	82·53	77·95	73·12	70·95	69·87	.....	71·70	71·70	72·10	70·95	70·35
24	77·70	82·37	77·70	73·03	70·87	69·78	.....	71·70	71·70	72·05	70·85	70·35
25	78·45	82·28	77·53	72·95	70·78	69·78	.....	71·70	71·70	72·10	70·70	70·45
26	77·87	82·12	77·37	72·95	70·62	69·78	.....	71·62	71·62	72·30	70·55	70·35
27	78·03	82·03	77·37	72·70	70·70	69·62	.....	71·62	71·70	72·55	70·30	70·45
28	78·03	81·78	77·03	72·70	70·53	69·62	.....	71·53	71·87	72·55	70·30	70·55
29	77·78	81·62	76·70	72·62	70·53	69·62	.....	71·37	71·95	72·30	.....	70·70
30	77·95	81·45	76·45	72·62	70·53	69·62	.....	71·45	72·12	72·10	.....	70·70
31	.....	81·37	.....	72·53	70·53	.....	.....	.....	72·12	72·10	.....	70·85

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1877–78.

TABLE No. 461.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·05	74·60	73·35	71·85	71·20	70·45	69·60	70·70	72·30	71·70	72·20	70·53
2	71·30	74·55	73·30	71·70	71·10	70·35	69·70	70·80	72·35	71·70	72·45	70·53
3	71·60	74·45	73·20	71·85	71·10	70·30	69·80	70·55	72·45	71·70	72·28	70·45
4	71·10	74·55	73·10	71·95	71·05	70·30	69·85	70·60	72·55	71·62	71·95	70·45
5	72·05	74·45	73·05	71·95	71·05	70·20	69·70	70·70	72·55	71·62	70·45	70·53
6	72·30	74·45	72·85	71·95	70·95	70·30	69·80	70·70	72·55	71·53	70·12	70·53
7	72·35	74·55	72·80	72·05	70·85	70·30	69·80	70·85	72·55	71·62	69·95	70·45
8	72·45	74·45	72·70	71·95	70·85	70·30	69·85	70·95	72·60	71·70	69·87	70·45
9	72·55	74·45	72·70	71·85	70·95	70·30	69·95	71·05	72·55	71·62	69·78	70·62
10	72·70	74·20	72·60	71·95	70·85	70·30	69·95	71·05	72·55	71·53	69·95	70·95
11	72·80	73·95	72·60	71·85	70·95	70·20	69·95	71·20	72·55	71·62	69·87	71·20
12	72·85	73·80	72·55	71·80	70·95	70·20	70·05	71·20	72·55	71·53	69·70	71·53
13	72·80	73·70	72·45	71·80	70·80	70·20	70·10	71·30	72·60	71·53	69·95	71·53
14	72·70	73·55	72·30	71·70	70·80	70·10	70·20	71·20	72·60	71·45	69·87	71·53
15	72·60	73·45	72·20	71·80	70·70	70·10	70·20	71·20	72·55	71·45	69·87	71·53
16	72·55	73·45	72·30	71·70	70·80	70·05	70·30	71·20	72·60	71·53	69·95	71·62
17	72·45	73·55	72·20	71·70	70·80	69·95	70·35	71·30	72·45	71·53	69·87	71·53
18	72·60	73·45	72·10	71·80	70·80	69·85	70·35	71·30	72·35	71·62	69·95	71·45
19	72·70	73·35	72·10	71·70	70·85	69·85	70·45	71·35	72·30	71·70	69·95	71·45
20	72·85	73·35	72·20	71·60	70·85	69·70	70·45	71·35	72·30	71·70	69·87	71·37
21	73·10	73·45	72·10	71·55	70·95	69·70	70·55	71·45	72·20	71·62	70·03	71·37
22	73·55	73·55	72·05	71·55	70·85	69·60	70·55	71·45	72·20	71·53	69·95	71·37
23	73·60	73·55	72·05	71·45	70·80	69·60	70·55	71·60	72·05	71·45	69·95	71·28
24	73·85	73·45	72·10	71·35	70·70	69·60	70·60	71·80	72·10	71·62	69·95	71·28
25	74·10	73·55	72·05	71·30	70·70	69·60	70·70	71·95	72·05	71·70	69·95	71·20
26	74·30	73·60	72·05	71·20	70·55	69·60	70·70	72·05	72·05	71·62	69·95	71·20
27	74·35	73·60	72·10	71·10	70·55	69·60	70·70	72·20	71·85	71·53	69·95	71·28
28	74·55	73·60	72·10	71·10	70·45	69·60	70·70	72·20	71·80	71·70	69·95	71·20
29	74·60	73·55	72·05	71·20	70·45	69·60	70·55	72·30	71·80	71·70	.....	71·28
30	74·70	73·45	72·05	71·30	70·45	69·60	70·70	72·30	71·80	71·62	.....	71·37
31	.....	73·45	.....	71·30	70·45	.....	70·70	.....	71·70	71·53	.....	71·37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1878–79.

TABLE No. 462.

1	71·28	73·70	74·12	72·20	71·20	70·70	71·70	74·53	73·87	74·37	74·45	74·03
2	71·20	73·87	74·12	72·28	71·12	70·78	71·70	74·53	73·78	74·20	74·37	73·95
3	71·28	74·03	74·12	72·28	71·12	70·70	71·62	74·45	73·95	74·20	74·28	74·03
4	71·28	74·12	74·12	72·37	71·03	70·53	71·62	74·28	74·03	74·20	74·12	73·87
5	71·37	74·12	74·12	72·28	71·03	70·53	71·62	74·03	73·95	74·28	74·03	73·78
6	71·37	74·28	73·95	72·20	71·03	70·45	71·70	73·95	74·12	74·37	74·03	73·70
7	71·62	74·37	73·78	72·20	70·95	70·37	71·62	73·87	74·28	74·28	73·87	73·70
8	71·62	74·45	73·53	72·12	70·95	70·37	71·53	73·78	74·28	74·20	73·87	73·62
9	71·62	74·45	73·45	72·03	71·03	70·28	71·62	73·70	74·45	74·12	73·78	73·53
10	71·70	74·53	73·37	72·03	71·03	70·28	71·62	73·70	74·95	74·20	73·87	73·45
11	72·03	74·53	73·20	71·95	71·03	70·28	71·53	73·70	75·20	74·03	73·78	73·37
12	72·20	74·62	73·12	71·95	71·12	70·20	71·53	73·70	74·37	74·12	73·87	73·20
13	72·53	74·53	73·03	71·87	71·12	70·12	71·53	73·62	74·53	73·95	73·95	73·03
14	72·70	74·62	72·95	71·78	71·20	70·12	71·53	73·53	75·62	73·87	74·03	72·87
15	72·95	74·53	72·87	71·78	71·20	70·12	71·70	73·53	75·62	74·12	74·12	72·78
16	73·03	74·53	72·70	71·70	71·20	70·03	71·95	73·53	75·62	74·28	74·03	72·78
17	73·20	74·45	72·70	71·62	71·12	70·03	72·12	73·53	75·53	74·53	74·12	72·87
18	73·28	74·45	72·70	71·62	71·20	70·03	72·20	73·45	75·45	74·45	74·03	72·95
19	73·28	74·37	72·53	71·53	71·28	70·28	72·28	73·37	75·45	74·37	74·20	72·87
20	73·28	74·37	72·37	71·45	71·20	70·53	72·45	73·28	75·28	74·45	73·78	72·70
21	73·28	74·28	72·20	71·37	71·28	71·03	72·70	73·20	75·12	74·37	74·12	72·62
22	73·20	74·28	72·12	71·28	71·28	71·03	72·87	73·28	74·95	74·62	74·03	72·45
23	73·28	74·12	72·12	71·28	71·20	71·28	72·95	73·37	75·03	74·70	74·03	72·28
24	73·28	74·12	72·03	71·20	71·12	71·53	73·03	73·45	75·03	74·62	74·12	72·03
25	73·28	74·03	72·03	71·20	71·03	71·53	73·12	73·53	75·12	74·53	74·12	71·87
26	73·37	73·95	72·03	71·28	71·03	71·62	73·28	73·62	74·95	74·45	74·20	71·70
27	73·37	73·95	71·95	71·20	70·95	71·62	73·45	73·87	74·87	74·37	74·12	71·70
28	73·37	73·87	71·95	71·20	70·87	71·70	73·62	73·87	74·87	74·45	74·20	71·62
29	73·53	73·78	71·95	71·20	70·87	71·70	74·03	73·95	74·78	74·53	.....	71·62
30	73·62	73·78	71·95	71·20	70·78	71·78	74·28	73·95	74·62	74·53	.....	71·70
31	.....	73·70	.....	71·20	70·70	.....	74·53	.....	74·53	74·37	.....	71·78

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1879–80.

TABLE No. 463

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·95	75·95	77·53	73·37	72·70	70·78	70·87	69·78	70·53	....	72·12	72·20
2	72 12	76·20	77·28	73·53	72·62	70·87	70·87	69·78	70·62	.....	72·12	72·28
3	72·20	76·45	77·12	73·03	72·45	70·78	70·78	69·87	70·70	.....	72·03	72·45
4	72·37	76·87	76·87	72·95	72·37	70·70	70·78	69·87	70·78	.....	72·03	72·45
5	72·28	77·20	76·70	72·95	72·28	70·70	70·70	69·87	70·87	.....	72 12	72·53
6	72·12	77·70	76·62	72·87	72·12	70·78	70·70	69·87	71·03	.....	72·20	72·62
7	72·28	77·95	76·37	72·78	71·95	70·70	70·62	69·78	71·12	.....	72·28	72·62
8	72·45	78·03	76·12	72·70	71·87	70·70	70·53	69·87	71·20	.....	72·37	72·62
9	72·62	78·20	75·95	72·78	71·78	70·78	70·53	69·87	71·28	.....	72·45	72·70
10	72·70	78·20	75·70	72·70	71·70	70·78	70·45	69·95	71·45	.....	72·45	72·70
11	72·87	78·37	75·53	72·62	71·62	70·78	70·37	69·95	71·53	.....	72·37	72·70
12	72·95	78·45	75·37	72·70	71·53	70·78	70·37	70·03	71·70	.....	72·28	72·62
13	73·03	78·53	75·28	72·70	71·37	70·70	70·37	70·03	71·87	.....	72·37	72·53
14	73·12	78·62	75·12	72·70	71·28	70·78	70·37	69·95	71·95	.....	72·37	72·53
15	73·28	78·62	74·95	72·78	71·28	70·87	70·28	70·03	72·03	.....	72·28	.....
16	73·37	78·70	74·87	72·78	71·37	70·87	70·28	70·12	72·03	.....	72·20	72·37
17	73·70	79·20	74·78	72·78	71·37	70·95	70·20	70·12	72·12	.....	72·03	72·28
18	74·12	79·45	74·70	72·78	71·28	70·95	70·20	70·20	72·12	.....	72·03	72·20
19	74·45	79·95	74·70	72·78	71·28	70·95	70·20	70·20	72·20	.....	71·95	72·12
20	74·62	80·03	74·53	72·70	71·20	70·95	70·20	70·28	72·20	.....	71·95	72·03
21	74·28	80·12	74·45	72·70	71·12	71·03	70·12	70·37	72·28	.....	72·03	72·03
22	74·20	80·12	74·37	72·70	71·03	71·03	70·12	70·37	72·28	.....	72·03	71·95
23	74·37	80·03	74·28	72·62	71·03	71·03	70·03	70·45	72·20	.....	72·12	71·95
24	74·62	79·78	74·20	72·70	70·95	70·95	70·03	72·37	72·12	.....	72·20	71·87
25	75·03	79·53	74·12	72·78	71·03	70·95	70·03	70·45	72·20	.....	72·28	71·87
26	75·28	79·28	74·03	72·70	71·03	71·03	70·12	70·37	72·28	.....	72·28	71·78
27	75·45	79·03	73·95	72·70	71·03	70·95	70·03	70·37	72·28	.....	72·20	71·70
28	75·53	78·62	73·87	72·78	70·95	70·95	69·95	70·37	72·28	.....	72·12	71·70
29	75·62	78·20	73·70	72·70	70·87	70·87	70·03	70·37	72·28	.....	72·03	71·62
30	75·70	77·95	73·53	72·70	70·87	70·87	69·95	70·45	72·12	.....	.....	71·45
31	.....	77·70	.....	72·70	70·87	.....	69·87	.....	72·12	.....	.....	71·37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1880–81.

TABLE No. 464.

1	71·70	76·70	78·37	74·45	72·37	70·78	70·20	71·37	72·62	72·87	72·87	72·20
2	72·03	76·70	78·28	74·37	72·37	70·78	70·20	71·37	72·70	73·03	72·87	72·20
3	72·37	76·78	78·12	74·28	72·45	70·87	70·28	71·45	72·70	73·12	72·95	72·12
4	72·70	76·87	77·87	74·20	72·37	70·78	70·37	71·53	72·62	73·03	72·87	72·12
5	73·37	76·87	77·62	74·03	72·28	70·78	70·45	71·70	72·53	72·87	72·70	72·03
6	74·28	76·95	77·53	73·87	72·20	70·70	70·53	71·87	72·45	72·62	72·70	72·03
7	74·87	77·03	77·45	73·70	72·12	70·78	70·70	71·70	72·45	72·53	72·62	71·87
8	74·78	77·28	77·37	73·62	71·95	70·78	70·78	71·53	72·28	72·45	72·53	71·62
9	74·70	77·62	77·37	73·53	71·87	70·78	70·87	71·70	72·37	72·45	72·45	71·53
10	74·70	77·95	77·20	73·45	71·78	70·78	71·03	72·20	72·53	72·45	72·45	71·53
11	74·62	78·12	77·03	73·28	71·70	70·87	70·78	72·62	72·45	72·37	72·37	71·45
12	74·53	78·28	76·95	73·12	71·62	70·78	70·87	73·03	72·37	72·37	72·28	71·37
13	74·45	78·53	76·95	73·03	71·53	70·87	70·95	73·37	72·28	72·28	72·28	71·28
14	74·62	78·87	76·87	72·95	71·45	70·87	71·03	73·70	72·28	72·28	72·37	71·28
15	74·87	79·03	76·87	72·87	71·37	70·78	71·03	73·87	72·37	72·37	72·37	71·37
16	74·95	79·20	76·78	72·78	71·37	70·70	71·03	73·87	72·28	72·45	72·28	71·37
17	75·03	79·28	76·70	72·62	71·28	70·62	71·03	73·87	72·20	72·28	72·28	71·37
18	75·12	79·53	76·53	72·62	71·28	70·53	71·12	73·87	72·20	72·37	72·20	71·45
19	75·12	79·45	76·28	72·62	71·20	70·45	71·12	73·78	72·12	72·45	72·12	71·62
20	75·20	79·37	76·12	72·62	71·20	70·37	71·20	73·70	72·12	72·53	72·12	71·70
21	75·03	79·28	75·87	72·53	71·20	70·37	71·28	73·62	72·20	72·45	72·03	72·20
22	75·53	79·20	75·62	72·53	71·20	70·37	71·37	73·87	72·20	72·37	72·03	72·62
23	75·53	79·12	75·53	72·45	71·20	70·28	71·28	74·12	72·12	72·28	72·12	73·03
24	75·70	79·03	75·37	72·45	71·20	70·28	71·03	73·70	72·12	72·20	72·20	73·28
25	75·78	78·95	75·28	72·37	71·12	70·20	71·12	73·70	72·12	72·28	72·28	73·03
26	76·03	78·87	75·03	72·45	71·03	70·28	71·28	73·53	72·03	72·28	72·37	72·87
27	76·28	78·78	74·87	72·37	71·03	70·20	71·20	73·20	72·03	72·37	72·37	72·62
28	76·45	78·70	74·78	72·37	71·03	70·20	71·28	72·95	72·28	72·37	72·28	72·37
29	76·53	78·70	74·70	72·37	71·03	70·28	71·37	72·78	72·62	72·37	.....	72·03
30	76·62	78·70	74·53	72·37	70·95	70·20	71·37	72·62	72·70	72·53	.....	71·78
31	.....	78·53	.....	72·28	70·87	.....	71·28	.....	72·87	72·70	.....	71·53

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1881–82.

TABLE No. 465.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·53	73·78	75·87	72·12	70·95	69·62	.....	70·03	70·37	71·03	71·03	70·78
2	71·53	74·20	75·70	72·12	70·87	69·62	.....	70·12	70·37	71·12	70·95	70·95
3	71·45	74·62	75·62	72·03	70·87	69·62	.....	69·95	70·45	71·12	70·87	71·03
4	71·37	75·03	75·45	72·03	70·78	69·62	.....	69·95	70·45	71·03	70·95	71·37
5	71·37	75·20	75·28	71·95	70·78	69·53	.....	69·95	70·53	71·03	70·87	71·87
6	71·37	75·20	75·12	71·87	70·78	69·53	.....	70·03	70·53	70·95	70·87	72·20
7	71·37	75·37	74·95	71·78	70·70	69·53	.....	70·12	70·62	70·95	70·78	72·45
8	71·28	75·37	74·78	71·78	70·70	69·45	.....	70·12	70·53	70·87	70·78	72·12
9	71·28	75·53	74·70	71·70	70·70	69·45	.....	70·12	70·45	70·78	70·78	72·03
10	71·20	75·62	74·53	71·62	70·62	69·37	.....	70·20	70·37	70·70	70·70	71·78
11	71·20	75·70	74·37	71·62	70·53	69·37	.....	70·20	70·37	70·70	70·62	71·78
12	71·28	75 70	74·28	71·53	70·45	69·37	.....	70·28	70·28	70·53	70·53	71·70
13	71·28	75·78	74·20	71·45	70·37	69·37	.....	70·28	70·28	70·53	70·45	71·53
14	71·28	75·95	73·87	71·37	70·37	69·28	.....	70·28	70·28	70·53	70·37	71·45
15	71·20	76·20	73·70	71·28	70·28	69·28	.....	70·28	70·37	70·62	70·28	71·37
16	71·20	76·37	73·45	71·20	70·20	69·20	.....	70·37	70·45	70·70	70·37	71·28
17	71·20	76·62	73·37	71·12	70·20	69·20	.....	70·37	70·53	70·78	70·45	71·20
18	71·20	77·12	73·28	71·03	70·12	69·20	.....	70·37	70·62	70·87	70·53	71·12
19	71·28	77·12	73·20	70·95	70·03	69·12	.....	70·45	70·62	70·95	70·62	71·12
20	71·37	77·28	73·12	70·95	70·03	69·12	.....	70·32	70·53	70·95	70·70	71·03
21	71·37	77·37	73·03	71·03	69·95	69·12	.....	70·70	70·53	70·87	70·70	70·95
22	71·37	77·28	72·87	71·03	69·95	69·03	.....	70·53	70·53	70·78	70·78	70·95
23	71·45	77·20	72·62	70·95	69·87	69·03	.....	70·53	70·45	70·70	70·87	71·03
24	71·53	77·03	72·53	70·87	69·87	68·95	.....	70·53	70·45	70·78	70·95	71·03
25	71·53	76·87	72·28	70·87	69·78	68·95	.....	70·53	70·53	70·70	71·03	71·12
26	71·70	76·78	72·20	70·87	69·78	68·87	.....	70·53	70·53	70·62	70·95	71·20
27	72·12	76·62	72·12	70·95	69·78	68·87	.....	70·45	70·53	70·70	70·78	71·20
28	72·45	76·53	72·12	70·95	69·78	68·95	.....	70·45	70·62	70·78	70·70	71·28
29	72·95	76·37	72·12	70·95	69·78	68·87	.....	70·45	70·62	70·78	.....	71·28
30	73·20	76·20	72·20	70·95	69·70	68·87	.....	70·37	70·87	70·78	.....	71·37
31	.....	76·03	.....	70·95	69·62	.....	.....	.....	70·95	70·78	.....	71·53

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1882–83.

TABLE No. 466.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·62	74·20	77·28	75·53	72·95	72·28	72·37	71·12	71·53	70·70	71·20	71·37
2	71·87	74·12	77·53	75·45	72·78	72·28	72·37	71·20	71·45	70·78	71·28	71·28
3	71·95	74·28	77·53	75·28	72·70	72·20	72·28	71·20	71·45	70·95	71·28	71·20
4	72·12	74·28	77·45	75·20	72·62	72·20	72·20	71·20	71·53	71·03	71·37	71·37
5	72·20	74·37	77·45	75·12	72·53	72·03	72·03	71·28	71·53	71·12	71·37	71·45
6	72·37	74·45	77·53	75·12	72·45	71·95	71·95	71·28	71·45	71·20	71·45	71·45
7	72·53	74·53	77·45	75·03	72·37	71·87	71·87	71·28	71·45	71·20	71·37	71·53
8	72·62	74·53	77·45	74·95	72·28	71·87	71·78	71·20	71·37	71·20	71·28	71·53
9	72·78	74·62	77·28	74·78	72·20	71·87	71·70	71·20	71·45	71·20	71·37	71·62
10	73·03	74·70	77·12	74·70	72·12	71·87	71·53	71·20	71·37	71·03	71·45	71·62
11	73·20	.....	77 03	74·62	72·12	71·87	71·45	71·20	71·28	71·03	71·45	71·62
12	73·12	75·03	76·95	74·53	72·03	71·78	71·37	71·20	71·28	71·03	71·37	71·70
13	72·87	75·37	76·78	74·45	72·03	71·78	71·28	71·28	71·37	71·03	71·28	71·62
14	72·70	75·45	76·70	74·37	71·95	71·70	71·28	71·45	71·28	71·12	71·37	71·70
15	72·70	75·62	76·45	74·20	71·95	71·70	71·20	71·53	71·20	71·20	71·37	71·70
16	72·62	75·87	76·28	74·03	72·03	71·62	71·20	71·53	71·28	71·28	71·37	71·62
17	72·70	75·87	76·28	73·87	72·20	71·62	71·20	71·62	71·37	71·28	71·28	71·62
18	72·78	75·87	76·20	73·78	72·28	71·70	71·12	71·62	71·45	71·20	71·20	71·53
19	73·12	76·03	76·12	73·70	72·45	71·78	71·20	71·70	71·45	71·12	71·12	71·53
20	73·37	76·03	76·20	73·53	72·53	71·87	71·12	71·87	71·37	71·12	71·12	71·62
21	73·87	76·12	76·28	73·45	72·62	71·87	71·12	72·03	71·28	71·12	71·20	71·62
22	74·03	76·12	76·28	73·28	72·78	71·78	71·12	72·12	71·20	71·37	71·28	71·53
23	74·29	76·37	76·20	73·12	72·70	71·87	71·12	72·12	71·12	71·62	71·28	71·45
24	74·20	76·62	76·28	73·03	72·70	72·03	71·12	72·20	71·12	71·87	71·37	71·37
25	74·20	76·62	76·20	73·03	72·62	72·03	71·12	72·03	71·12	71·70	71·37	71·45
26	74·20	76·70	76·12	72·95	72·53	72·12	71·12	71·95	71·12	71·62	71·28	71·45
27	74·20	77·03	76·12	73·03	72·45	72·12	71·12	71·87	71·03	71·45	71·37	71·37
28	74·20	77·20	76·03	73·03	72·45	72·28	71·03	71·78	70·95	71·37	71·45	71·28
29	74·20	77·45	75·87	72·95	72·45	72·37	71·03	71·70	70·87	71·37	.....	71·20
30	74·20	77·53	75·62	73·03	72·37	72·45	71·03	71·62	70·87	71·20	.....	71·12
31	.....	77·53	.....	73·12	72·28	.....	71·03	.....	70·78	71·20	.....	71·03

*New Canal.

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1883–84.

TABLE No. 467.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·95	74·03	76·37	75·78	73·45	71·28	70·95	71·45	72·95	73·03	73·28	73·20
2	70·95	73·95	76·53	75·70	73·28	71·20	71·03	71·45	73·12	73·20	73·20	73·37
3	70·87	73·87	76·45	76·03	73·20	71·12	70·95	71·37	73·28	73·28	73·12	73·53
4	70·78	73·62	76·37	76·12	73·03	71·12	70·95	71·37	73·45	73·37	73·12	73·62
5	70·70	73·62	76·28	76·12	72·95	71·03	71·03	71·37	73·53	73·45	73·03	73·62
6	70·70	73·70	76·28	76·20	72·87	71·03	71·03	71·37	73·70	73·53	73·03	73·53
7	70·70	73·87	76·20	76·12	72·78	70·95	71·12	71·45	73·53	73·53	72·95	73·45
8	70·70	74·03	76·12	75·95	72·78	71·03	70·95	71·53	73·45	73·53	73·03	73·37
9	71·37	74·20	75·95	75·78	72·78	70·95	70·95	71·62	73·37	73·62	72·95	73·28
10	71·70	74·28	75·95	75·70	72·78	70·95	71·03	71·87	73·28	73·62	72·95	73·20
11	72·45	74·45	75·87	75·45	72·70	70·87	71·12	72·03	73·20	73·53	72·78	73·03
12	73·20	74·70	75·78	75·28	72·62	70·95	71·20	72·20	73·12	73·45	72·70	72·95
13	74·20	74·87	75·78	75·12	72·45	71·03	71·28	72·20	73·03	73·45	72·70	72·87
14	75·12	75·03	75·78	74·95	72·45	71·03	71·28	72·37	73·03	73·53	72·70	72·87
15	75·62	75·20	75·78	74·87	72·28	71·12	71·28	72·45	73·03	73·53	72·62	72·78
16	76·12	75·37	75·78	74·78	72·20	71·12	71·37	72·45	72·95	73·37	72·53	72·78
17	75·70	75·28	75·78	74·70	72·20	71·20	71·37	72·53	72·95	73·37	72·53	72·70
18	75·37	75·12	75·87	74·87	72·12	71·12	71·37	72·45	72·87	73·28	72·45	72·70
19	75·12	75·12	76·03	74·95	72·12	71·12	71·45	72·45	72·78	73·20	72·37	72·62
20	74·95	75·12	76·12	74·95	72·03	71·03	71·53	72·45	72·70	73·20	72·37	72·53
21	74·62	75·20	76·12	75·03	71·95	71·12	71·62	72·37	72·95	73·28	72·45	72·53
22	74·62	75·53	76·03	74·95	71·95	71·03	71·70	72·45	73·12	73·20	72·53	72·53
23	74·37	75·62	75·95	74·78	71·87	71·12	71·70	72·53	73·20	73·20	72·53	72·45
24	74·28	75·70	75·87	74·62	71·78	71·03	71·70	72·62	73·20	73·12	72·62	72·62
25	74·28	75·87	75·87	74·45	71·70	70·95	71·62	72·62	73·12	73·12	72·62	73·20
26	74·28	76·03	75·87	74·28	71·70	70·95	71·53	72·70	72·95	73·20	72·62	73·37
27	74·20	76·20	75·78	74·20	71·62	70·95	71·53	72·78	73·03	73·12	72·87	73·70
28	74·20	76·12	75·78	73·95	71·53	70·95	71·45	72·78	73·12	73·20	73·03	74·53
29	74·12	76·12	75·78	73·95	71·53	70·95	71·45	72·70	73·03	73·20	73·12	75·53
30	74·03	76·12	75·70	73·78	71·37	70·95	71·37	72·70	72·95	73·28	.....	76·12
31	.....	76·03	.....	73·62	71·28	.....	71·37	.....	72·95	73·20	.....	76·20

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1884–85.

TABLE No. 468.

1	76·03	76·12	76·37	72·70	71·70	70·70	70·62	72·45	71·87	73·78	.....	74·37
2	75·87	76·20	76·20	72·62	71·87	70·70	70·53	72·28	71·87	73·87	.....	74·28
3	75·62	76·28	76·12	72·62	71·95	70·62	70·62	72·20	71·78	73·95	.....	74·20
4	75·37	76·45	75·87	72·53	72·03	70·53	70·62	72·28	71·87	74·03	.....	74·12
5	75·20	76·62	75·70	72·45	72·03	70·45	70·62	72·20	71·95	74·03	.....	73·87
6	75·12	76·87	75·45	72·37	72·03	70·53	70·70	72·20	72·12	73·70	.....	73·70
7	74·87	77·12	75·28	72·28	71·95	70·53	70·70	72·28	72·28	73·53	.....	73·70
8	74·70	77·28	75·03	72·20	71·95	70·62	70·70	72·20	72·37	73·28	.....	73·53
9	74·45	77·53	74·95	72·12	71·95	70·53	70·62	72·20	72·53	73·20	.....	73·28
10	74·70	77·53	74·87	72·03	71·95	70·45	70·70	72·20	72·62	73·20	.....	73·12
11	74·78	77·62	74·70	72·03	71·95	70·45	70·70	72·12	72·70	73·28	.....	72·95
12	74·95	77·70	74·53	71·95	71·87	70·45	70·70	72·12	72·87	73·28	.....	72·70
13	75·20	77·70	74·37	71·87	71·87	70·37	70·70	72·03	72·95	73·37	.....	72·70
14	75·12	77·78	74·28	71·78	71·78	70·37	70·70	72·03	73·12	73·28	.....	72·62
15	74·95	77·78	74·12	71·78	71·78	70·37	70·70	71·95	73·37	73·28	.....	72·62
16	74·95	77·87	74·12	71·78	71·70	70·37	70·70	71·95	73·53	73·37	.....	72·53
17	75·03	77·91	74·12	71·62	71·53	70·37	70·78	71·87	73·70	73·37	.....	72·53
18	75·03	77·87	74·03	71·62	71·37	70·28	70·78	71·87	73·95	73·28	.....	72·45
19	75·03	77·78	73·95	71·62	71·28	70·28	70·87	71·87	74·20	73·20	.....	72·45
20	75·12	77·70	73·87	71·53	71·20	70·28	70·95	71·87	74·20	73·28	.....	72·37
21	75·20	77·62	73·70	71·45	71·12	70·20	70·95	71·78	74·37	73·37	.....	72·37
22	75·28	77·62	73·62	71·37	71·03	70·20	70·95	71·78	74·45	73·45	.....	72·37
23	75·45	77·53	73·53	71·37	70·95	70·28	71·20	71·70	74·45	73·45	.....	72·45
24	75·53	77·37	73·45	71·45	70·95	70·20	71·37	71·87	74·45	73·37	.....	72·37
25	75·62	77·28	73·37	71·37	70·87	70·20	71·53	71·95	74·53	73·53	.....	72·28
26	75·70	77·20	73·28	71·37	70·87	70·28	71·62	72·03	74·53	73·62	.....	72·20
27	75·78	77·20	73·20	71·45	70·78	70·37	71·87	71·95	74·53	73·53	.....	72·20
28	75·87	77·03	73·12	71·53	70·78	70·37	72·03	71·87	74·62	73·62	.....	72·20
29	75·87	76·95	73·03	71·53	70·78	70·37	72·12	71·87	74·37	73·62	.....	72·20
30	75·95	76·70	72·87	71·53	70·78	70·45	72·20	71·87	74·12	73·62	.....	72·20
31	.....	76·53	.....	71·53	70·78	.....	72·37	.....	73·78	73·53	.....	72·20

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1885–86.

TABLE No. 469.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	72·28	79·28	77·45	74·95	73·03	71·28	70·78	71·12	71·70	71·03	73·78	75·03
2	72·28	78·70	77·37	74·95	72·95	71·20	70·78	71·12	71·78	71·03	73·87	75·37
3	72·37	77·95	77·20	74·87	72·87	71·20	70·78	71·20	71·78	71·12	73·87	75·37
4	72·45	78·62	77·12	74·78	72·78	71·12	70·70	71·20	71·87	71·28	73·87	75·62
5	72·45	77·37	77·03	74·70	72·70	71·12	70·70	71·28	71·87	72·03	73·87	76·03
6	72·45	76·95	76·95	74·62	72·53	71·12	70·70	71·28	71·95	72·20	73·95	76·20
7	72·37	77·03	76·70	74·62	72·45	71·03	70·70	71·37	72·03	72·62	74·12	75·87
8	72·28	77·03	76·70	74·53	72·45	71·03	70·62	71·45	72·20	73·12	74·03	75·70
9	72·28	77·12	76·53	74·45	72·37	70·95	70·62	71·53	72·20	73·53	74·03	75·70
10	72·28	77·45	76·37	74·28	72·37	70·95	70·53	71·53	72·12	73·78	73·87	75·37
11	72·37	77·62	76·20	74·28	72·45	70·87	70·53	71·62	72·03	74·28	73·87	75·03
12	72·45	77·87	76·12	74·28	72·37	70·87	70·70	71·70	71·95	74·20	73·78	74·70
13	72·53	77·95	76·03	74·20	72·28	70·78	70·70	71·70	71·78	74·28	73·70	73·70
14	72·62	78·12	75·70	74·20	72·20	70·78	70·62	71·87	71·70	74·28	73·70	73·37
15	72·62	78·12	75·53	74·20	72·20	70·87	70·53	71·87	71·62	74·28	73·62	73·37
16	73·12	78·12	75·37	74·12	72·12	70·87	70·53	72·03	71·62	74·12	73·53	73·20
17	73·53	78·12	75·20	74·03	72·03	70·70	70·62	72·12	71·53	74·03	73·45	73·12
18	74·03	78·12	75·12	74·03	72·03	70·78	70·53	72·12	71·53	74·20	73·37	73·03
19	74·70	78·20	75·12	73·95	71·95	70·87	70·62	72·28	71·45	74·37	73·37	72·70
20	75·70	78·20	75·20	73·87	71·87	70·87	70·62	72·37	71·37	74·45	73·28	72·62
21	76·70	78·20	75·20	73·87	71·87	70·87	70·95	72·45	71·28	74·45	73·45	72·53
22	77·45	78·20	75·03	73·78	71·78	70·87	71·12	72·45	71·28	74·53	73·70	72·53
23	78·37	78·20	75·12	73·70	71·70	70·70	71·20	72·37	71·28	74·53	73·78	72·45
24	79·03	78·28	75·20	73·53	71·70	70·70	71·12	72·37	71·28	74·37	74·03	72·45
25	79·78	78·20	75·12	73·45	71·53	70·70	71·12	72·28	71·28	74·37	74·20	72·53
26	81·03	78·03	75·12	73·37	71·53	70·62	71·12	72·20	71·20	74·03	74·20	72·45
27	80·28	77·95	75·03	73·37	71·45	70·78	71·20	72·03	71·20	73·87	74·62	72·28
28	80·03	77·87	75·03	73·37	71·45	70·78	71·12	71·95	71·12	73·87	74·87	72·28
29	79·78	77·70	75 03	73·28	71·37	70·87	71·20	71·87	71·12	73·87	.....	72·37
30	79·62	77·62	75·12	73·20	71·28	70·87	71·12	71·70	71·12	73·78	.....	72·37
31	.....	77·62	.....	73·20	71·28	.....	71·12	.....	71·12	73·78	.....	72·37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1886–87.

TABLE No. 470.

1	72·28	79·62	74·87	73·45	72·28	70·87	70·95	71·62	71·70	71·37	73·28	74·12
2	72·12	79·45	74·70	73·45	72·20	70·87	70·95	71·53	71·78	71·45	73·28	74·03
3	72·03	79·37	74·62	73·37	72·20	70·87	71·03	71·53	71·87	71·62	73·37	73·87
4	72·03	79·20	74·53	73·37	72·12	70·95	71·03	71·45	71·70	71·70	73·53	73·78
5	72·20	79·03	74·37	73·28	72·12	71·03	71·12	71·37	71·62	71·87	73·62	73·70
6	72·37	78·78	74·28	73·28	72·03	70·95	71·12	71·37	71·53	72·03	73·70	73·70
7	72·53	78·62	74·20	73·20	72·03	71·03	71·12	71·37	71·45	72·03	74·03	73·62
8	72·62	78·45	74·20	73·12	71·95	71·03	71·20	71·28	71·45	72·03	74·03	73·62
9	72·70	78·37	74·20	73·12	71·95	71·03	71·20	71·20	71·37	72·28	74·28	73·62
10	72·70	78·20	74·12	73·03	71·87	70·95	71·20	71·20	71·37	72·37	74·45	73·53
11	73·37	78·03	74·20	72·95	71·87	70·95	71·20	71·20	71·37	72·45	74·45	73·53
12	73·87	77·78	74·20	72·87	71·78	70·95	71·28	71·20	71·37	72·53	71·62	73·28
13	74·87	77·62	74·20	72·78	71·70	71·03	71·28	71·20	71·28	72·53	74·62	73·12
14	75·95	77·45	74·12	72·53	71·70	70·95	71·20	71·12	71·28	72·62	74·62	72·95
15	76·70	77·28	74·12	72·45	71·62	70·95	71·20	71·12	71·20	72·70	74·62	72·87
16	77·45	77·20	74·03	72·45	71·62	70·95	71·20	71·12	71·20	72·87	74·45	72·70
17	78·20	77·03	74·12	72·45	71·53	70·87	71·28	71·20	71·20	72·70	74·28	72·70
18	78·78	76·95	74·12	72·53	71·53	70·87	71·28	71·20	71·28	73·03	74·12	72·70
19	78·45	76·78	74·03	72·45	71·45	70·78	71·20	71·28	71·28	73·28	74·12	72·62
20	78·62	76·62	74·03	72·45	71·37	70·78	71·12	71·28	71·20	73·20	74·12	72·53
21	78·62	76·37	73·95	72·45	71·28	70·87	71·12	71·37	71·20	73·12	74·03	72·45
22	79·03	76·20	73·87	72·45	71·28	70·87	71·28	71·45	71·20	73·12	74·12	72·45
23	79·37	76·03	73·78	72·45	71·20	70·87	71·37	71·45	71·12	73·20	74·20	72·37
24	79·62	75·95	73·78	72·53	71·20	70·87	71·37	71·45	71·12	73·28	74·28	72·28
25	79·78	75·87	73·78	72·45	71·12	70·95	71·45	71·37	71·12	73·37	74·20	72·28
26	79·70	75·70	73·70	72·45	71·12	70·95	71·53	71·37	71·03	73·37	74·20	72·28
27	79·62	75·62	73·70	72·45	71·03	70·95	71·62	71·37	71·12	73·28	74·20	72·37
28	79·62	75·53	73·62	72·37	71·03	70·95	71·62	71·45	71·12	73·28	74·28	72·28
29	79·62	75·37	73·53	72·37	71·03	70·95	71·70	71·53	71·20	73·20	.....	72·28
30	79·62	75·20	73·53	72·37	70·95	70·95	71·70	71·53	71·20	73·12	.....	72·37
31	.....	75·03	.....	72·37	70·87	.....	71·78	.....	71·28	73·12	.....	72·37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1887–88.

TABLE No. 471.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	77·95	76·45	72·62	71·37	69·95	69·12	69·20	69·53	70·62	72·45	71·87
2	.....	78·28	76·28	72·53	71·37	69·95	69·12	69·20	69·62	70·70	72·45	71·87
3	.....	78·45	76·12	72·45	71·45	69·87	69·12	69·20	69·62	70·70	72·37	71·70
4	.....	78·62	76·03	72·37	71·45	69·78	69·12	69·20	69·70	70·70	72·37	71·70
5	.....	78·87	75·87	72·28	71·45	69·70	69·12	69·20	69·78	70·78	72·28	71·62
6	.....	79·20	75·70	72·28	71·53	69·70	69·12	69·20	69·87	70·78	72·28	71·62
7	.....	79·62	75·62	72·28	71·53	69·70	69·12	69·20	69·87	70·78	72·20	71·45
8	.....	79·70	75·53	72·20	71·53	69·70	69·12	69·20	69·95	70·78	72·28	71·45
9	.....	80·03	75·37	72·20	71·53	69·70	69·12	69·20	69·95	70·87	72·37	71·37
10	.....	80·20	75·20	72·20	71·45	69·70	69·12	69·20	70·03	70·95	72·62	71·28
11	.....	80·45	75·20	72·20	71·45	69·70	69·12	69·20	70·12	70·95	72·62	71·28
12	.....	80·45	75·03	72·20	71·28	69·62	69·12	69·20	70·20	71·03	72·62	71·20
13	.....	80·53	74·87	72·12	71·12	69·53	69·12	69·20	70·20	71·03	72·87	71·20
14	.....	80·37	74·70	72·12	70·95	69·53	69·12	69·20	70·20	71·28	73·03	71·12
15	.....	80·28	74·53	72·03	70·78	69·53	69·12	69·20	70·28	71·45	73·20	71·03
16	.....	80·12	74·28	72·03	70·70	69·53	69·12	69·12	70·28	71·62	73·28	71·12
17	.....	79·95	74·20	71·95	70·62	69·45	69·12	69·12	70·37	71·62	73·12	71·20
18	.....	79·70	74·03	71·95	70·53	69·45	69·12	69·20	70·37	71·78	72·95	71·28
19	.....	79·45	73·87	71·87	70·45	69·37	69·12	69·28	70·37	72·03	72·95	71·28
20	.....	79·20	73·70	71·78	70·37	69·37	69·12	69·28	70·37	72·28	72·78	71·20
21	.....	78·87	73·70	71·78	70·37	69·37	69·12	69·37	70·45	72·28	72·62	71·28
22	.....	78·53	73·70	71·70	70·45	69·37	69·12	69·37	70·37	72·20	72·45	71·45
23	.....	78·20	73·53	71·70	70·37	69·37	69·03	69·45	70·45	72·20	72·53	71·45
24	.....	77·87	73·37	71·62	70·28	69·28	69·03	69·45	70·45	72·20	72·28	71·70
25	.....	77·62	73·28	71·62	70·28	69·28	69·03	69·45	70·53	72·12	72·28	71·70
26	.....	77·45	73·20	71·62	70·28	69·28	69·03	69·45	70·53	72·12	72·12	71·53
27	.....	77·20	73·12	71·53	70·20	69·28	69·03	69·45	70·53	72·12	72·03	71·45
28	.....	76·95	73·03	71·53	70·20	69·20	69·12	69·45	70·45	72·20	71·95	71·28
29	.....	76·70	72·87	71·45	70·12	69·20	69·12	69·53	70·53	72·28	71·95	71·20
30	.....	76·70	72·70	71·45	70·12	69·12	69·20	69·53	70·62	72·37	.....	71·20
31	.....	76·62	.....	71·37	70·03	.....	69·28	.....	70·62	72·45	.....	71·20

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1888–89.

TABLE No. 472.

1	71·37	74·03	77·95	75·70	71·87	70·20	70·53	69·70	71·70	71·87	71·53	71·12
2	71·45	74·37	77·78	75·53	71·78	70·37	70·53	70·03	71·53	71·78	71·62	71·03
3	71·53	74·53	77·70	75·37	71·70	70·53	70·62	70·20	71·37	71·53	71·70	71·03
4	71·62	74·70	77·53	75·20	71·62	70·70	70·53	70·45	71·12	71·28	72·03	71·03
5	71·70	74·95	77·45	74·95	71·53	70·87	70·53	70·62	70·87	71·12	72·20	70·95
6	71·87	75·12	77·28	74·78	71·45	70·87	70·53	70·87	70·62	71·03	72·45	70·95
7	72·28	75·28	77·28	74·53	71·45	70·70	70·45	71·20	70·62	71·20	72·37	70·95
8	72·62	75·20	77·20	74·20	71·37	70·70	70·37	71·53	70·95	71·45	72·37	70·87
9	73·03	75·20	77·03	73·95	71·37	70·78	70·28	71·87	71·12	71·53	72·28	70·87
10	73·20	75·53	76·95	73·78	71·28	70·78	70·20	72·37	71·37	71·53	72·28	70·70
11	73·28	75·87	76·78	73·45	71·28	70·70	70·12	72·62	71·45	71·53	72·20	70·70
12	73·20	76·37	76·62	73·28	71·20	70·62	70·20	72·95	71·45	71·62	72·37	70·70
13	73·20	76·70	76·53	73·20	71·12	70·62	70·20	72·87	71·70	71·53	72·45	70·62
14	73·12	77·70	76·62	73·12	71·03	70·53	70·12	72·78	71·87	71·45	72·37	70·62
15	73·12	78·20	76·70	73·12	71·03	70·53	70·12	72·70	71·95	71·45	72·28	70·62
16	73·03	78·20	76·87	73·03	71·03	70·62	70·03	72·62	72·12	71·45	72·37	70·62
17	72·87	78·53	76·95	73·03	71·03	70·53	70·03	72·53	71·87	71·37	72·37	70·53
18	72·70	79·03	76·95	72·87	70·95	70·45	70·03	72·37	71·78	71·45	72·28	70·62
19	73·12	79·53	77·03	72·70	70·78	70·45	70·03	72·28	71·70	71·45	72·20	70·53
20	73·37	79·70	77·03	72·62	70·70	70·45	69·95	72·20	71·62	71·53	72·20	70·70
21	73·53	79·70	76·87	72·53	70·62	70·53	70·03	72·12	71·53	71·62	72·12	70·78
22	73·12	79·37	76·78	72·45	70·53	70'62	69·95	72·03	71·37	71·62	72·03	70·87
23	73·03	79·37	76·70	72·37	70·45	70·70	69·87	71·95	71·28	71·62	72·03	71·12
24	72·87	79·28	76·45	72·28	70·37	70·78	69·78	71·95	71·53	71·53	72·03	71·37
25	72·70	79·28	76·28	72·20	70·28	70·78	69·78	71·87	71·53	71·53	71·95	71·70
26	73·37	79·12	76·20	72·20	70·20	70·70	69·70	71·87	.....	71·53	71·95	71·95
27	73·37	78·95	76·20	72·12	70·03	70·70	69·70	71·78	71·87	71·45	71·87	72·03
28	73·53	78·70	76·12	72·12	69·95	70·62	69·78	71·78	72·03	71·53	71·87	71·95
29	73·70	78·45	75·95	72·03	69·78	70·53	69·70	71·70	72·20	71·45	.....	71·95
30	73·87	78·28	75·78	72·03	69·70	70·53	69·62	71·70	72·12	71·53	.....	71·87
31	.....	78·12	.....	71·95	69·70	.....	69·53	.....	72·03	71·53	.....	71·87

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1889–1890.

TABLE No. 473.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·62	76·62	74·03	75·62	73·03	71·45	70·12	70·28	.....	72·37	73·45	73·37
2	71·62	76·62	74·37	75·53	72·95	71·37	70·20	70·20	.....	72·62	73·37	73·28
3	71·62	76·53	75·03	75·37	72·95	71·37	70·20	70·20	.....	72·78	73·37	73·20
4	71·62	76·45	75·53	75·20	72·87	71·28	70·12	70·12	.....	72·95	73·37	73·20
5	71·70	76·37	76·03	75·03	72·78	71·28	70·12	70·03	.....	73·03	73·28	73·12
6	71·78	76·28	76·37	74·87	72·70	71·28	70·03	69·95	.....	72·95	73·20	73·03
7	71·95	76·20	76·70	74·87	72·62	71·28	70·03	69·95	.....	73·03	73·45	72·87
8	72·12	76·12	77·20	74·78	72·62	71·20	70·12	69·87	.....	73·03	73·37	72·78
9	72·28	76·12	77·37	74·70	72·53	71·20	70·20	69·70	.....	73·12	73·37	72·70
10	72·53	76·03	77·37	74·62	72·53	71·20	70·28	69·62	.....	73·20	73·45	72·70
11	72·70	76·03	77·28	74·53	72·45	71·12	70·37	69·53	.....	73·20	73·53	72·70
12	72·87	75·95	77·12	74·45	72·37	71·12	70·45	69·45	.....	73·20	73·53	72·70
13	72·87	75·87	76·95	74·37	72·28	71·12	70·53	69·37	.....	73·03	73·53	72·62
14	72·87	75·78	76·87	74·28	72·20	71·03	70·62	69·37	.....	72·95	73·62	72·53
15	72·78	75·62	76·70	74·45	72·12	71·03	70·70	69·37	.....	73·03	73·62	72·62
16	72·70	75·45	76·62	74·37	72·03	70·95	70·70	69·45	.....	73·12	73·70	72·70
17	72·62	75·20	76·45	74·28	72·03	70·95	70·62	69·45	.....	73·20	73·87	72·78
18	72·70	75·03	76·37	74·20	71·95	70·87	70·62	69·45	.....	73·37	73·70	72·87
19	72·95	74·95	76·20	74·03	71·95	70·87	70·53	69·45	.....	73·62	73·53	72·53
20	73·20	74·87	76·03	73·95	71·95	70·78	70·53	69·53	.....	73·70	73·37	72·53
21	73·45	74·70	75·95	73·78	71·87	70·70	70·53	69·62	.....	73·87	73·28	72·37
22	73·53	74·62	75·87	73·70	71·87	70·62	70·53	69·70	.....	73·87	73·28	72·20
23	73·62	74·45	75·78	73·62	71·87	70·62	70·62	69·87	.....	73·95	73·20	72·20
24	73·87	74·37	75·70	73·53	71·78	70·53	70·62	70·03	.....	73·70	73·12	72·28
25	74·12	74·28	75·62	73·53	71·78	70·53	70·53	70·12	.....	73·62	73·12	72·37
26	74·62	74·12	75·53	73·45	71·78	70·45	70·53	70·28	.....	73·53	73·03	72·37
27	74·87	74·12	75·53	73·37	71·70	70·45	70·53	70·45	.....	73·20	73·03	72·37
28	75·12	73·95	75·53	73·28	71·62	70·37	70·53	70·62	.....	72·95	73·03	72·37
29	75·62	73·87	75·62	73·28	71·62	70·37	70·62	70·78	.....	72·70	.....	72·37
30	76·03	73·78	75·53	73·20	71·53	70·37	70·53	70·95	.....	72·53	.....	72·37
31	.....	73·70	.....	73·12	71·53	.....	70·45	.....	.....	72·37	.....	72·37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1890–91.

TABLE No. 474.

1	71·87	76·20	78·53	76·20	72·87	72·28	71·45	71·20	70·53	71·37	71·95	71·53
2	72·12	76·37	78·62	76·12	72·78	72·28	71·45	71·28	70·62	71·37	71·78	71·53
3	72·37	76·53	78·70	75·95	72·70	72·28	71·45	71·37	70·70	71·28	71·70	71·62
4	72·53	76·62	78·70	75·78	72·62	72·20	71·37	71·28	70·78	71·28	71·62	71·62
5	72·62	76·95	78·53	75·70	72·62	72·37	71·45	71·28	70·70	71·45	71·62	71·70
6	73·28	77·20	78·37	75·53	72·53	72·53	71·53	71·37	70·62	71·37	71·70	71·78
7	73·70	77·37	78·28	75·20	72·62	72·45	71·53	71·37	70·62	71·37	71·78	71·87
8	74·70	77·53	78·20	75·03	72·62	72·45	71·53	71·37	70·53	71·28	71·78	71·95
9	75·20	77·62	78·20	74·87	72·53	72·53	71·45	71·28	70·53	71·20	71·70	71·95
10	75·37	77·62	78·28	74·70	72·45	72·53	71·37	71·28	70·62	71·20	71·70	71·95
11	75·62	77·62	78·28	74·45	72·37	72·53	71·45	71·20	70·45	71·20	71·87	72·03
12	75·62	77·62	78·20	74·28	72·37	72·45	71·53	71·12	70·45	71·20	71·87	72·03
13	75·70	77·62	78·20	74·20	72·28	72·45	71·53	71·12	70·53	71·12	71·78	72·20
14	75·87	77·70	78·20	74·12	72·28	72·53	71·37	71·12	70·53	71·03	71·78	72·37
15	76·03	.....	78·12	74·03	72·28	72·45	71·45	71·03	70·53	71·20	71·87	72·37
16	76·12	77·53	78·20	74·03	72·20	72·37	71·53	71·03	70·53	71·28	71·95	72·28
17	76·20	77·45	78·20	73·95	72·20	72·28	71·45	71·03	70·45	71·37	71·87	72·28
18	76·29	77·37	78·20	73·87	72·20	72·12	71·37	70·95	70·45	71·45	71·78	72·20
19	76·03	77·20	78·12	73·78	72·20	72·03	71·45	70·87	70·53	71·53	71·78	72·20
20	76·03	77·12	78·12	73·70	72·28	71·95	71·37	70·87	70·62	71·53	71·78	72·28
21	75·95	77·37	78·12	73·70	72·28	71·87	71·45	70·87	70·70	71·53	71·70	72·20
22	75·87	77·53	77·87	73·53	72·28	71·78	71·53	70·87	70·78	71·62	71·70	72·28
23	75·70	77·62	77·70	73·45	72·28	71·62	71·53	70·87	70·87	71·70	71·62	72·62
24	75·87	77·70	77·45	73·37	72·37	71·53	71·45	70·78	70·87	71·78	71·62	73·28
25	75·87	77·78	77·20	73·37	72·37	71·53	71·28	70·78	70·78	71·87	71·53	74·03
26	75·95	77·87	77·03	73·12	72·37	71·45	71·28	70·78	70·87	71·87	71·45	74·70
27	75·95	78·03	76·87	73·12	72·28	71·45	71·20	70·70	70·95	71·95	71·45	75·37
28	75·95	78·03	76·70	73·03	72·28	71·45	71·12	70·70	70·87	71·95	71·45	75·28
29	76·03	78·12	76·53	73·03	72·20	71·53	71·03	70·62	70·87	72·03	.....	74·87
30	76·12	78·20	76·37	72·87	72·20	71·45	71·03	70·53	70·87	72·03	.....	75·03
31	.....	78·28	.....	72·78	72·20	.....	70·95	.....	70·87	71·95	.....	75·20

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1891–92.

TABLE No. 475.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	75·62	78·53	75·20	72·20	72·95	71·87	70·95	70·53	73·20	72·78	72·53	71·28
2	75·70	78·53	74·95	72·12	72·95	71·87	70·95	70·45	73·12	72·70	72·53	71·28
3	75·53	78·45	74·87	72·03	72·87	71·78	70·87	70·45	73·12	72·70	72·45	71·37
4	75·53	78·28	74·78	71·95	72·87	71·70	70·87	70·53	73·12	72·87	72·37	71·37
5	75·53	78·37	74·53	71·95	72·87	71·70	70·87	70·53	73·12	72·87	72·37	71·53
6	75·20	78·37	74·37	71·95	72·78	71·70	70·78	70·53	73·12	72·78	72·37	71·62
7	74·95	78·37	74·20	71·87	72·78	71·70	70·87	70·45	73·12	72·78	72·37	71·87
8	74·62	78·28	73·95	71·78	72·70	71·62	70·95	70·45	73·03	72·78	72·37	71·87
9	74·37	78·28	73·70	71·70	72·70	71·62	71·03	70·37	73·03	72·78	72·20	71·78
10	74·28	78·20	73·62	71·70	72·62	71·62	71·03	70·28	73·03	72·70	72·20	71·70
11	74·20	78·12	73·53	71·62	72·53	71·62	71·12	70·37	73·03	72·70	72·12	71·70
12	74·28	77·87	73·45	71·62	72·45	71·62	71·20	70·45	73·03	72·70	72·12	71·70
13	74·53	77·70	73·37	71·62	72·37	71·70	71·28	70·45	73·03	72·87	72·12	71·62
14	74·87	77·62	73·28	71·53	72·28	71·62	71·37	70·37	73·28	72·87	72·12	71·53
15	75·12	77·53	73·20	71·62	72·12	71·53	71·37	70·37	73·28	72·87	72·03	71·45
16	75·20	77·45	73·12	71·53	72·03	71·53	71·28	70·45	73·53	72·95	71·87	71·28
17	75·28	77·28	73·03	71·62	71·95	71·53	71·20	70·45	73·87	72·95	71·87	71·12
18	75·53	77·12	72·95	71·53	71·78	71·53	71·12	70·28	74·28	72·87	71·70	71·03
19	75·87	77·03	72·95	71·70	71·70	71·45	71·03	70·45	74·20	72·78	71·70	71·03
20	76·28	76·95	72·87	71·87	71·62	71·45	70·87	70·62	74·03	72·78	71·62	70·95
21	76·62	76·87	72·78	71·95	71·62	71·45	70·78	70·87	73·70	72·78	71·53	70·87
22	76·87	76·70	72·70	72·03	71·70	71·45	70·78	71·03	73·20	72·78	71·45	70·78
23	77·20	76·53	72·62	72·12	71·87	71·37	70·70	71·37	73·12	72·62	71·37	70·78
24	77·53	76·28	72·53	72·28	71·87	71·37	70·62	71·53	73·03	72·62	71·37	70·70
25	77·87	76·12	72·45	72·45	71·95	71·28	70·62	71·70	72·95	72·62	71·28	70·70
26	78·12	75·95	72·37	72·53	72·03	71·28	70·53	72·20	72·87	72·53	71·20	70·62
27	78·37	75·87	72·37	72·62	72·03	71·20	70·53	73·28	72·87	72·53	71·28	70·62
28	78·20	75·78	72·28	72·62	71·95	71·12	70·53	73·53	72·87	72·53	71·28	70·53
29	78·12	75·70	72·20	72·78	71·95	71·12	70·53	73·45	72·78	72·62	71·20	70·45
30	78·12	75·53	72·20	72·87	72·03	71·03	70·45	73·28	72·78	72·62	.....	70·45
31	.....	75·45	.....	72·95	71·95	.....	70·45	.....	72·87	72·53	.....	70·45

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1892–93.

TABLE No. 476.

1	70·62	72·95	73·53	74·70	71·70	71·45	70·78	70·53	72·53	.....	71·03	71·20
2	71·03	73·20	73·62	74·62	71·62	71·37	70·87	70·53	72·37	.....	71·12	71·12
3	72·37	73·45	73·62	74·45	71·62	71·37	70·87	70·53	72·20	.....	71·12	70·95
4	73·20	73·70	73·62	74·28	71·53	71·37	70·87	70·45	72·03	.....	71·20	70·70
5	74·20	73·45	73·53	74·03	71·45	71·28	70·87	70·37	72·03	.....	71·20	70·70
6	75·37	73·20	73·62	73·87	71·37	71·20	70·95	70·37	72·03	.....	71·28	70·53
7	75·70	73·37	73·62	73·78	71·28	71·12	70·95	70·45	71·95	.....	71·45	70·45
8	76·03	73·45	73·70	73·70	71·28	71·03	70·95	70·45	71·87	.....	71·53	70·37
9	75·70	73·53	73·70	73·62	71·28	70·95	70·87	70·78	71·78	.....	71·45	70·28
10	75·45	73·53	73·78	73·45	71·28	70·78	70·87	70·70	71·78	.....	71·37	70·28
11	75·12	73·62	73·87	73·28	71·20	70·70	70·78	70·78	71·78	.....	71·37	70·37
12	75·37	73·70	73·78	73·20	71·28	70·95	70·78	70·70	71·62	.....	71·28	70·37
13	74·20	73·70	73·70	73·03	71·37	70·95	70·78	70·70	71·62	.....	71·20	70·45
14	74·03	73·70	73·62	72·87	71·37	70·87	70·87	70·70	71·53	.....	71·12	70·53
15	73·70	73·70	73·53	72·78	71·45	70·78	70·87	71·03	71·70	.....	71·03	70·53
16	73·37	73·53	73·37	72·70	71·53	70·70	70·87	71·03	71·70	.....	70·87	70·53
17	73·12	73·53	73·37	72·70	71·62	70·78	70·95	71·37	71·87	.....	71·03	70·45
18	72·95	73·62	73·62	72·62	71·62	70·62	70·95	71·70	71·95	.....	71·03	70·45
19	72·78	73·62	74·12	72·45	71·53	70·62	70·87	71·87	71·95	.....	71·12	70·53
20	72·53	73·62	74·45	72·28	71·53	70·78	70·87	72·03	72·03	.....	71·12	70·62
21	72·37	73·70	74·53	72·12	71·62	70·78	70·87	72·20	72·12	.....	71·03	70·62
22	72·37	73·62	74·53	72·03	71·53	70·70	70·95	72·37	72·20	.....	70·95	70·62
23	72·28	73·53	74·53	71·87	71·45	70·78	71·03	72·45	72·28	.....	71·12	70·70
24	72·37	73·53	74·45	71·70	71·62	70·78	71·03	72·53	72·45	.....	71·37	70·70
25	72·37	73·62	74·45	71·62	71·78	70·70	70·87	72·53	72·45	.....	71·28	70·78
26	72·28	73·62	74·53	71·53	71·62	70·70	70·70	72·62	72·62	.....	71·28	70·78
27	72·45	73·53	74·53	71·62	71·53	70·70	70·62	72·62	72·28	.....	71·28	70·70
28	72·53	73·62	74·70	71·53	71·53	70·78	70·53	72·62	72·20	.....	71·28	70·70
29	72·62	73·62	74·78	71·62	71·45	70·87	70·53	72·62	72·28	.....	.....	70·78
30	72·70	73·53	74·78	71·70	71·45	70·87	70·53	72·53	72·28	.....	.....	70·87
31	.....	73·53	.....	71·78	71·53	.....	70·70	.....	72·20	.....	.....	70·87

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1893–94.

TABLE No. 477.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·03	74·70	78·87	74·70	72·28	72·70	70·03	71·45	71·03	71·12	71·53	71·95
2	71·37	75·03	78·62	74·62	72·20	72·20	69·95	71·28	70·95	71·03	71·45	71·95
3	71·70	75·70	78·53	74·53	72·12	72·03	69·87	71·20	70·95	71·03	71·45	72·03
4	71·70	76·20	78·37	74·28	72·03	71·87	69·87	71·28	71·03	70·95	71·37	72·03
5	71·78	76·45	78·28	74·28	71·95	71·70	69·95	71·28	71·12	71·12	71·53	72·12
6	71·87	76·70	78·12	74·12	71·87	71·53	69·95	71·28	71·12	71·12	71·53	72·12
7	71·95	77·37	78·03	73·95	71·95	71·37	70·03	71·37	71·12	71·28	71·53	72·20
8	72·03	77·53	77·95	73·87	72·12	71·20	70·03	71·37	71·28	71·28	71·53	72·37
9	72·45	77·70	77·87	73·70	72·03	71·20	70·12	71·37	71·28	71·45	71·62	72·70
10	72·12	77·70	77·87	73·70	71·95	71·12	70·12	71·45	71·20	71·62	71·62	72·87
11	73·12	77·87	77·78	73·70	71·62	71·12	69·95	71·45	71·20	71·62	71·53	73·28
12	73·37	77·87	77·70	73·62	71·62	71·03	70·03	71·45	71·20	71·70	71·70	73·53
13	73·53	77·95	77·62	73·62	71·53	71·03	69·95	71·28	71·28	71·70	71·70	73·87
14	73·78	78·03	77·37	73·53	71·53	71·03	69·87	71·20	71·28	71·78	71·70	74·37
15	73·95	78·20	77·20	73·53	71·62	70·95	69·87	71·12	71·37	71·78	71·62	74·37
18	73·95	78·37	76·95	73·45	71·62	70·95	69·95	71·12	71·37	71·78	71·62	74·28
17	74·03	78·62	76·78	73·45	71·53	70·87	70·20	71·03	71·45	71·70	71·53	74·20
18	74·03	80·20	76·53	73·37	71·45	70·78	70·45	71·12	71·45	71·70	71·53	74·12
19	74·12	80·20	76·37	73·28	71·37	70·70	70·53	71·20	71·45	71·53	71·62	74·53
20	74·12	80·20	76·20	73·12	71·37	70·62	70·62	71·12	71·37	71·45	71·62	74·70
21	74·37	80·45	76·03	73·03	71·28	70·37	70·70	71·12	71·37	71·45	71·70	75·12
22	74·53	80·45	75·87	72·95	71·28	70·28	70·78	71·03	71·37	71·28	71·78	75·20
23	74·62	80·45	75·70	72·87	71·20	70·28	70·87	71·03	71·20	71·12	71·78	75·37
24	74·53	80·37	75·62	72·78	71·20	70·20	71·03	71·03	71·12	71·12	71·87	75·12
25	74·45	80·20	75·45	72·70	71·12	70·28	71·12	71·12	71·12	71·28	71·95	74·70
26	74·37	80·03	75·20	72·70	71·12	70·37	71·12	71·12	71·12	71·45	71·95	74·53
27	74·37	79·70	75·20	72·62	71·03	70·28	71·28	71·12	71·03	71·37	72·03	74·37
28	74·28	79·37	75·12	72·62	71·03	70·20	71·37	71·12	71·03	71·37	72·03	74·12
29	74·20	79·03	74·95	72·53	71·37	70·12	71·37	71·20	71·12	71·53	.....	73·95
30	74·03	78·78	74·87	72·45	72·37	70·12	71·28	71·28	71·20	71·53	.....	73·70
31	.....	78·62	.....	72·28	72·78	.....	71·28	.....	71·12	71·62	.....	73·62

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1894-95.

TABLE No. 478.

1	73·62	78·28	75·70	74·28	71·78	70·12	70·37	71·78	72·03	71·78	71·87	71·12
2	73·70	78·37	75·78	74·20	71·78	70·20	70·45	71·78	71·95	71·87	71·87	71·03
3	73·53	78·45	75·87	73·95	71·70	70·20	70·45	71·62	71·87	71·87	71·78	71·03
4	73·53	78·37	75·95	73·70	71·53	70·28	70·53	72·03	71·78	71·95	71·70	70·95
5	73·53	78·37	75·95	73·70	71·45	70·12	70·45	72·28	71·70	71·95	71·62	70·87
6	73·62	78·45	76·03	73·70	71·37	70·12	70·45	72·12	71·70	71·95	71·87	70·87
7	73·53	78·37	75·87	73·70	71·28	70·20	70·45	72·03	71·78	71·87	71·95	70·78
8	73·53	78·37	75·70	73·78	71·20	70·12	70·53	72·03	71·70	71·87	.....	70·78
9	73·53	78·28	75·53	73·87	71·20	70·03	70·45	72·12	71·70	71·95	71·78	70·70
10	73·28	78·28	75·45	73·95	71·12	69·95	70·45	72·12	71·53	71·95	71·70	70·70
11	73·28	78·12	75·28	73·95	71·12	69·95	70·53	72·12	71·45	71·95	71·62	70·62
12	73·20	78·12	75·20	73·87	71·03	70·03	70·62	72·37	71·53	72·03	71·53	70·53
13	73·37	77·87	75·03	73·95	71·03	69·95	70·70	72·28	71·62	71·78	71·45	70·53
14	73·37	77·70	75·03	73·78	70·95	69·95	70·78	72·37	71·62	71·70	71·45	70·45
15	73·45	77·53	74·87	73·78	70·87	70·03	70·87	72·37	71·62	71·70	71·45	70·45
16	73·62	77·37	74·70	73·78	70·87	70·03	70·87	72·37	71·62	71·62	71·37	70·45
17	73·62	77·20	74·37	73·62	70·87	70·12	70·95	72·12	71·70	71·62	71·37	70·45
18	73·70	77·03	74·28	73·53	70·87	70·12	71·20	72·12	71·70	71·62	71·28	70·37
19	73·95	76·87	74·20	73·37	70·95	70·20	71·45	72·03	71·70	71·62	71·20	70·37
20	74·20	76·62	74·03	73·28	70·95	70·37	71·62	72·03	71·70	71·53	71·20	70·37
21	74·62	76·53	74·70	73·20	70·87	70·28	71·78	72·03	71·70	71·53	71·12	70·37
22	75·20	76·37	74·78	73·12	70·87	70·20	71·70	71·95	71·70	71·53	71·12	70·37
23	75·87	76·20	74·87	73·03	70·78	70·20	71·70	71·95	71·70	71·62	71·12	70·28
24	76·37	76·12	74·78	72·95	70·53	70·20	71·78	71·87	71·70	71·62	71·03	70·28
25	76·95	76·03	74·70	72·95	70·45	70·20	71·78	71·87	71·78	71·70	71·03	70·28
26	77·28	75·95	74·62	72·62	70·37	70·20	71·87	71·87	71·87	71·78	71·03	70·28
27	77·53	75·87	74·62	72·45	70·28	70·28	71·87	71·78	71·87	71·87	71·12	70·28
28	77·70	75·78	74·53	72·28	70·20	70·28	71·78	71·70	71·95	71·87	71·12	70·28
29	78·12	75·70	74·45	72·12	70·20	70·37	71·78	72·03	71·87	71·78	.....	70·37
30	78·28	75·70	74·45	71·95	70·12	70·37	71·78	72·20	71·87	71·70	.....	70·37
31	.....	75·70	.....	71·78	70·03	.....	71·78	.....	71·87	71·70	.....	70·45

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1895–96.

TABLE No. 479.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·53	76·45	74·95	73·37	70·87	71·12	70·28	70·12	71·03	74·37	72·62	72·37
2	70·53	76·37	74·95	73·37	70·78	71·03	70·20	70·03	71·03	75·20	72·62	72·45
3	70·70	76·28	75·03	73·12	70·87	71·03	70·20	70·03	71·03	75·53	72·53	72·28
4	70·87	76·28	75·12	72·87	70·95	71·03	70·12	70·12	70·95	75·62	72·53	72·28
5	70·95	76·20	75·20	72·70	70·95	70·95	70·12	70·12	70·95	75·70	72·45	72·20
6	71·03	76·37	75·20	72·62	71·03	70·95	70·20	70·12	70·95	75·78	72·53	72·03
7	71·20	76·62	75·28	72·53	71 03	70·95	70·20	70·20	71·03	75·12	72·53	72·03
8	71·70	76·70	75·28	72·45	70·95	70·95	70·37	70·20	71·03	75·12	72·53	72·12
9	72·12	76·95	75·28	72·45	70·95	70·87	70·28	70·20	71·12	74·53	72·62	72·03
10	73·70	77·20	75·20	72·28	71·03	70·87	70·28	70·12	71·12	74·37	72·62	71·95
11	74·20	77·28	75·12	72·20	71·12	70·87	70·37	70·20	71·12	74·12	72·53	71·95
12	74·53	77·37	75·12	72·20	71·12	70·78	70·37	70·28	71·03	73·87	72·53	72·12
13	74·62	77·37	75·03	72·12	71·12	70·70	70·28	70·28	71·03	73·95	72·53	72·28
14	75·12	77·28	75·03	72·03	71·03	70·70	70·28	70·37	70·95	73·70	72·62	72·37
15	75·37	77·20	74·95	71·87	71·03	70·70	70·28	70·45	70·95	73·62	72·62	72·20
16	75·70	76·87	74·95	71·70	71·03	70·70	70·20	70·45	70·87	73·45	72·53	72·12
17	75·62	76·62	74·87	71·70	71·03	70·70	70·12	70·53	70·87	73·37	72·70	72·12
18	75·53	76·37	74·78	71·70	71·03	70·62	70·03	70·62	70·78	73·28	72·95	72·03
19	75·53	76·20	74·62	71·70	71·03	70·62	69·95	70·62	70·95	73·28	72·87	72·03
20	75·45	76·12	74·62	71·62	71·03	70·62	69·95	70·53	71·03	73·20	72·87	71·87
21	75·28	76·03	74·53	71·62	71·03	70·53	70·03	70·37	71·12	73·12	73·12	71·87
22	75·53	75·87	74·45	71·53	71·12	70·53	69·95	70·53	71·37	73·03	73·12	71·87
23	75·62	75·70	74·28	71·53	71·12	70·45	69·95	70·53	71·53	73·03	73·20	71·78
24	75·87	75·62	74·12	71·45	71·12	70·45	69·95	70·53	71·62	72·95	72·95	71·78
25	76·03	75·37	73·87	71·37	71·20	70·45	69·95	70·62	71·62	72·95	72·78	71·70
26	76·28	75·28	73·70	71·28	71·20	70·37	69·87	70·62	71·70	72·78	72·62	71·62
27	76·37	75·12	73·70	71·12	71·20	70·37	69·87	70·78	71·70	72·70	72·53	71·62
28	76·45	75·03	73·62	71·03	71·20	70·37	69·87	70·87	72·37	72·70	72·53	71·62
29	76·53	75·03	73·53	70·95	71·20	70·37	69·95	70·95	73·12	72·78	72·28	71·53
30	76·53	74·95	73·53	70·87	71·20	70·28	70·03	71·03	73·78	72·87	.....	71·53
31	.....	74·95	.....	70·87	71·12	.....	70·12	.....	74·12	72·78	.....	71·53

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1896–97.

TABLE No. 480.

1	71·53	78·03	74·53	72·53	71·62	70·78	70·70	71·03	73·70	72·28	73·03	71·03
2	71·62	77·95	74·28	72·45	71·62	70·70	70·87	71·03	74·12	72·37	73·03	71·12
3	71·70	77·78	74·20	72·37	71·53	70·70	70·95	71·12	74·03	72·45	73·03	71·28
4	71·78	77·70	74·12	72·45	71·45	70·70	70·87	71·12	74·03	72·45	72·62	71·53
5	71·87	77·62	74·20	72·37	71·45	70·70	70·95	71·12	73·70	72·28	72·53	71·70
6	71·95	77·62	74·37	72·37	71·37	70·78	71·03	71·37	73·37	72·12	72·45	71·87
7	71·95	77·62	74·45	72·45	71·53	70·70	70·95	71·62	73·28	72·12	72·37	71·87
8	72·03	77·53	74·53	72·37	71·45	70·70	70·95	72·03	73·20	72·12	72·28	71·87
9	72·28	77·45	74·62	72·28	71·28	70·70	70·95	72·28	73·20	72·12	72·20	71·95
10	72·62	77·37	74·62	72·28	71·20	70·62	70·95	72·53	73·12	72·20	72·12	71·95
11	73·37	77·28	74·70	72·37	71·12	70·62	70·95	72·70	73·12	72·20	71·95	72·20
12	74·12	77·12	74·78	72·37	71·20	70·53	70·95	72·70	73·12	72·20	71·78	71·95
13	74·87	76·95	74·70	72·28	71·20	70·53	70·95	72·95	73·03	72·70	71·70	71·95
14	75·87	76·87	74·70	72·28	71·12	70·62	71·03	73·03	72·95	72·62	71·53	72·20
15	76·95	76·62	74·62	72·37	71·20	70·62	71·12	73·03	72·87	72·62	71·37	72·70
16	78·53	76·53	74·53	72·28	71·12	70·62	71·12	72·95	72·87	72·62	71·20	72·95
17	78·78	76·37	74·45	72·20	71·12	70·53	71·12	73·03	72·87	72·53	71·03	72·70
18	78·62	76·20	74·45	72·12	71·03	70·53	71·03	73·12	72·78	72·70	70·87	72·62
19	78·53	76·03	74·20	72·20	70·95	70·45	71·03	73·20	72·78	72·95	70·70	72·53
20	78·87	75·87	74·03	72·20	70·95	70·45	71·12	73·20	72·78	73·20	70·70	72·28
21	78·95	75·70	73·87	72·28	70·87	70·53	71·12	73·20	72·87	73·12	70·78	72·20
22	79·03	75·62	73·70	72·20	70·87	70·53	71·03	73·12	72·87	73·12	70·78	72·20
23	79·03	75·45	73·62	72·12	70·87	70·45	71·03	73·12	72·78	73·20	70·78	72·28
24	79·12	75·20	73·53	72·03	70·95	70·37	71·03	73·12	72·62	73·28	70·70	72·37
25	79·03	75·03	73·37	71·95	70·87	70·37	71·12	73·20	72·53	73·28	70·70	72·45
26	78·78	74·87	73·20	71·87	70·95	70·37	70·95	73·28	72·62	73·20	70·62	72·45
27	78·53	74·78	73·03	71·78	70·95	70·45	70·95	73·37	72·62	73·20	70·62	72·53
28	78·37	74·70	72·87	71·78	70·95	70·45	71·03	73·28	72·53	73·20	70·53	72·62
29	78·28	74·53	72·70	71·70	70·87	70·45	71·03	73·20	72·45	73·20	.....	72·62
30	78·20	74·45	72·53	71·70	70·78	70·45	71·12	73·45	72·37	73·12	.....	72·70
31	.....	74·45	.....	71·70	70·78	.....	71·12	.....	72·20	73·03	.....	72·70

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1897–98.

TABLE No. 481.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	73·03	78·70	77·28	73·78	71·87	71·70	70·12	70·87	71·03	71·87	72·03	71·45
2	73·37	78·87	77·12	73·70	71·87	71·70	70·20	70·95	70·95	71·95	72·03	71·53
3	73·87	78·95	76·87	73·62	71·95	71·62	70·12	70·87	70·87	71·87	71·95	71·45
4	73·95	79·12	76·62	73·45	71·95	71·53	70·03	70·87	70·95	71·87	71·87	71·37
5	73·95	79·03	76·37	73·45	71·78	71·53	69·95	70·87	70·95	71·78	71·70	71·28
6	74·03	78·95	76·20	73·28	71·70	71·45	69·95	70·95	70·95	71·78	71·62	71·20
7	74·20	78·95	76·03	73·12	71·62	71·45	70·03	70·95	71·03	71·70	71·53	71·12
8	74·20	78·95	75·87	73·03	71·53	71·37	70·03	70·95	71·03	71·70	71·45	70·95
9	74·12	78·87	75·78	72·95	71·62	71·20	70·12	70·95	71·12	71·62	71·37	70·95
10	73·95	78·78	75·87	72·87	71·62	71·12	70·12	70·95	71·12	71·62	71·28	70·87
11	73·87	78·70	75·87	72·78	71·70	71·03	70·12	70·87	71·20	71·53	71·20	71·03
12	73·70	78·53	75·95	72·70	71·70	71·03	70·20	70·87	71·28	71·53	71·12	71·20
13	73·70	78·45	75·95	72·70	71·62	70·95	70·12	70·87	71·45	71·45	71·12	72·03
14	73·62	78·37	75·95	72·62	71·53	70·95	70·20	70·95	71·62	71·45	71·03	73·87
15	73·45	78·20	75·87	72·53	71·53	70·87	70·20	70·87	72·12	71·37	70·95	75·70
16	73·45	77·87	75·78	72·45	71·45	70·87	70·20	70·87	72·37	71·45	70·95	76·53
17	73·53	77·70	75·70	72·45	71·53	70·78	70·28	70·78	72·45	71·37	71·03	76·70
18	73·78	77·53	75·62	72·37	71·53	70·70	70·28	70·78	72·37	71·28	71·03	77·12
19	73·95	77·45	75·37	72·28	71·62	70·62	70·37	70·78	72·28	71·28	71·03	77·20
20	74·12	77·37	75·12	72·20	71·53	70·53	70·45	70·70	72·28	71·37	71·12	77·20
21	74·20	77·37	74·78	72·12	71·62	70·45	70·45	70·70	72·20	71·37	71·20	77·12
22	74·20	77·45	74·62	72·12	71·62	70·45	70·37	70·70	72·12	71·28	71·20	76·78
23	74·12	77·62	74·53	72·03	71·62	70·37	70·45	70·87	72·12	71·28	71·28	76·53
24	74·20	77·87	74·45	71·95	71·62	70·37	70·53	70·95	72·20	71·20	71·28	76·28
25	74·28	78·12	74·28	71·87	71·70	70·28	70·53	70·95	72·20	71·28	71·37	75·95
26	75·03	78·28	74·12	71·78	71·78	70·20	70·62	70·95	72·03	71·37	71·37	75·70
27	75·95	78·20	74·03	71·70	71·87	70·28	70·62	71·03	71·95	71·45	71·45	75·45
28	76·70	77·95	73·95	71·78	71·78	70·20	70·70	71·03	71·95	71·53	71·45	75·45
29	77·53	77·78	73·87	71·87	71·70	70·12	70·78	71·03	71·87	71·62	.....	75·95
30	78·12	77·62	73·87	71·78	71·70	70·03	70·78	71·03	71·87	71·53	.....	75·95
31	.....	77·53	.....	71·87	71·70	.....	70·87	.....	71·87	71·78	.....	75·78

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1898–99.

TABLE No. 482.

1	74·95	74·87	74·70	74·03	71·70	70·87	71·12	73·03	71·95	71·62	71·53	71·45
2	75·28	74·87	74·70	74·20	71·70	70·87	71·12	73·03	71·95	71·62	71·62	71·20
3	74·95	74·87	74·62	74·20	71·70	70·95	71·03	72·95	72·03	71·53	71·62	71·12
4	74·95	74·78	74·53	74·03	71·70	70·95	71·03	72·95	72·12	71·53	71·87	70·95
5	74·87	74·70	74·45	73·95	71·62	71·03	70·95	72·87	72·12	71·53	71·95	70·78
6	74·78	74·70	74·45	73·87	71·45	71·03	70·95	72·78	72·12	71·62	71·95	70·78
7	74·62	74·62	74·45	73·87	71·45	70·95	70·87	72·70	72·20	71·62	72·03	70·70
8	74·37	74·62	74·37	73·78	71·37	70·95	70·87	72·62	72·28	71·70	72·03	70·70
9	74·12	74·53	74·20	73·70	71·28	70·87	70·87	72·62	72·37	71·70	72·12	70·70
10	73·95	74·45	74·12	73·53	71·28	70·87	70·95	72·53	72·45	71·95	72·12	70·62
11	73·78	74·37	74·03	73·37	71·28	70·87	71·03	72·53	72·53	72·20	72·20	70·70
12	73·70	74·28	73·87	73·20	71·20	70·95	71·03	72·45	72·53	72·37	72·20	70·78
13	73·70	74·20	73·78	73·03	71·20	70·95	71·12	72·45	72·53	72·45	72·28	70·87
14	73·62	74·12	73·70	72·87	71·20	71·03	71·12	72·45	72·45	72·45	72·28	70·95
15	73·62	74·12	73·70	72·78	71·28	71·03	71·12	72·37	72·37	72·45	72·37	70·95
16	73·62	74·03	73·78	72·70	71·28	70·95	71·12	72·37	72·28	72·53	72·20	70·87
17	73·70	73·95	73·78	72·62	71·28	70·95	71·20	72·45	72·12	72·53	72·12	70·87
18	73·78	73·87	73·70	72·62	71·37	70·95	71·20	72·53	71·87	72·45	72·03	70·95
19	73·87	73·78	73·70	72·62	71·45	70·95	71·20	72·53	71·78	72·45	71·70	70·95
20	74·03	73·70	73·62	72·53	71·53	70·87	71·37	72·62	71·87	72·28	71·53	70·78
21	74·12	73·70	73·53	72·53	71·53	70·87	71·53	72·62	71·87	72·20	71·37	70·78
22	74·28	73·70	73·45	72·37	71·53	70·87	71·87	72·53	71·78	72·12	71·20	70·87
23	74·53	73·78	73·37	72·28	71·53	70·95	72·12	72·53	71·70	72·03	71·20	70·87
24	74·70	73·87	73·28	72·28	71·45	70·87	72·28	72·45	71·62	71·95	71·28	70·87
25	74·87	73·95	73·12	72·20	71·45	70·95	72·53	72·37	71·53	71·70	71·53	70·78
26	74·95	74·03	73·20	72·12	71·37	70·95	72·62	72·37	71·53	71·62	71·62	70·62
27	74·87	74·20	73·37	72·12	71·28	71·03	72·62	72·28	71·62	71·70	71·62	70·53
28	74·87	74·53	73·62	72·03	71·20	71·03	72·70	72·20	71·53	71·78	71·62	70·53
29	74·87	74·78	73·87	71·95	71·12	71·12	72·87	72·12	71·53	71·87	.....	70·53
30	74·78	74·87	74·03	71·87	71·03	71·12	73·03	72·03	71·62	72·03	.....	70·45
31	.....	74·95	.....	71·78	70·95	.....	73·03	.....	71·62	72·12	.....	70·45

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1899-1900.

TABLE No. 483.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·78	79·03	76·62	73·37	72·45	70·62	71·62	71·20	70·70	72·12	72·20	72·53
2	70·70	79·37	76·70	73·37	72·37	70·53	71·87	71·28	70·78	72·20	72·12	72·70
3	70·70	79·53	76·87	73·28	72·28	70·45	72·20	71·28	70·78	72·28	72·03	72·87
4	70·78	79·53	76·87	73·20	72·20	70·45	72·28	71·28	70·78	72·45	71·95	73·03
5	70·78	79·12	76·70	73·12	72·12	70·45	72·28	71·37	70·87	72·45	71·87	73·20
6	70·70	79·37	76·62	73·12	72·20	70·45	72·20	71·53	70·87	72·37	71·87	72·95
7	70·78	79·45	76·53	73·20	72·03	70·37	72·12	71·37	70·87	72·12	71·87	72·95
8	70·87	79·37	76·53	73·20	71·95	70·37	72·03	71·37	70·78	72·03	71·87	72·87
9	71·70	79·28	76·45	73·28	71·95	70·37	72·03	71·28	70·78	71·87	71·87	72·70
10	72·37	79·12	76·37	73·45	.....	70·28	71·95	71·28	70·87	71·70	71·95	72·53
11**	72·12	79·12	76·20	73·62	71·87	70·28	71·87	71·12	70·62	71·70	71·95	72·37
12	72·28	79·03	76·12	73·87	71·78	70·20	71·78	71·12	70·62	71·78	72·03	72·28
13	73·12	78·87	75·87	73·95	71·70	70·12	71·70	71·03	71·03	71·70	72·28	72·12
14	73·70	79·37	75·62	73·78	71·62	70·03	71·53	71·12	71·45	71·70	72·20	72·03
15	74·70	79·20	75·53	73·78	71·62	70·12	71·45	71·20	72·03	71·70	72·20	71·95
16	75·70	78·95	75·28	73·70	71·53	70·12	71·28	71·20	72·37	71·78	72·20	71·95
17	76·20	78·53	75·12	73·78	71·37	70·03	71·20	71·12	72·62	71·87	72·28	71·95
18	76·70	78·20	74·95	73·70	71·20	70·12	71·20	71·12	72·45	71·95	72·20	71·87
19	76·87	78·12	74·87	73·53	71·12	70·20	71·12	71·03	72·28	71·95	72·03	71·87
20	77·20	77·87	74·70	73·28	71·03	70·20	71·12	71·03	72·28	71·95	71·95	71·78
21	77·45	77·70	74·62	73·20	70·95	70·12	71·03	70·95	72·20	71·95	71·87	71·70
22	77·45	77·37	74·53	73·12	70·87	70·12	71·12	70·87	72·20	72·03	71·95	71·70
23	77·45	77·03	74·45	72·95	70·87	70·20	71·20	70·87	72·37	72·03	72·03	71·62
24	77·45	76·87	74·03	72·87	70·78	70·20	71·28	70·87	72·53	72·12	72·12	71·62
25	77·45	76·70	74·03	72·70	70·78	70·37	71·28	70·87	72·53	72·20	72·20	71·53
26	77·53	76·62	73·95	72·70	70·78	70·62	71·28	70·78	72·62	72·28	72·20	71·45
27	77·70	76·53	73·87	72·62	70·70	70·70	71·20	70·78	72·62	72·62	72·20	71·37
28	77·95	76·53	73·70	72·53	70·70	70·87	71·20	70·78	72·53	72·53	72·12	71·37
29	78·20	76·45	73·62	72·53	70·70	71·12	71·12	70·78	72·45	72·45	.....	71·37
30	78·45	76·37	73·53	72·45	70·62	71·28	71·12	70·70	72·37	72·53	.....	71·28
31	.....	76·45	.....	72·45	70·53	.....	71·12	.....	72·37	72·53	.....	71·37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1900–01.

TABLE No. 484.

1	71·37	77·12	74·12	71·87	73·28	71·62	71·70	71·70	73·12	71·53	71·62	71·03
2	71·53	76·95	74·45	71·78	73·20	71·53	71·70	71·70	73·03	71·62	71·62	71·03
3	71·62	76·70	74·78	71·78	73·12	71·45	71·78	71·87	72·87	71·62	71·70	70·95
4	71·78	76·45	74·70	72·03	73·03	71·45	71·70	71·95	72·78	71·70	71·70	70·87
5	72·12	76·28	74·70	72·37	72·95	71·37	71·70	72·12	72·70	71·70	71·87	70·78
6	72·62	76·12	74·62	72·70	72·78	71·28	71·62	71·12	72·53	71·70	71·87	70·78
7	74·62	76·03	74·62	72·87	72·87	71·37	71·62	72·12	72·37	71·78	71·78	70·70
8	75·37	75·95	74·53	72·95	73·03	71·45	71·53	72·03	72·28	71·78	71·70	70·62
9	75·70	75·95	74·53	72·95	73·20	71·28	71·53	72·03	72·45	71·70	71·70	70·53
10	75·37	75·95	74·45	73·03	73·12	71·20	71·62	72·03	72·37	71·62	71·62	70·45
11	75·12	75·87	74·45	73·03	73·03	71·12	71·62	71·95	72·28	71·53	71·62	70·45
12	74·78	75·87	74·28	73·20	73·03	71·03	71·62	71·95	72·28	71·70	71·53	70·45
13	74·37	75·87	74·12	73·37	72·95	71·03	71·70	72·03	72·20	71·70	71·53	70·53
14	74·37	75·78	74·03	73·62	72·87	70·95	71·95	72·03	72·20	71·53	71·45	70·45
15	74·20	75·70	73·87	73·95	72·78	70·95	71·95	72·12	72·12	71·53	71·37	70·45
16	74·12	75·70	73·70	74·03	72·78	70·87	71·87	72·20	72·12	71·53	71·37	70·37
17	74·37	75·62	73·53	74·20	72·70	70·87	71·87	72·28	72·03	71·53	71·37	70·37
18	74·53	75·53	73·37	74·53	72·70	71·37	71·78	72·28	71·95	71·62	71·37	70·28
19	74·78	75·45	73·28	74·87	72·62	71·45	71·78	72·37	71·87	71·62	71·37	70·28
20	75·03	75·37	73·12	74·62	72·53	71·53	71·70	72·53	71·78	71·62	71·28	70·28
21	75·62	75·37	73·03	74·45	72·53	71·53	71·78	72·70	71·78	71·62	71·28	70·37
22	75·87	75·28	73·03	74·28	72·45	71·62	71·87	72·78	71·70	71·53	71·20	70·45
23	76·28	75·20	72·95	74·12	72·45	71·62	71·95	72·78	71·78	71·78	71·20	70·37
24	76·78	75·20	72·87	73·87	72·37	71·62	71·87	72·87	71·70	71·78	71·12	70·37
25	77·20	75·03	72·78	73·87	72·20	71·53	71·87	72·95	71·62	72·62	71·12	70·45
26	77·45	74·87	72·53	73·78	72·12	71·53	71·87	73·12	71·53	71·70	71·12	70·53
27	77·45	74·70	72·37	73·70	72·03	71·53	71·95	73·28	71·53	71·78	71·12	71·03
28	77·53	74·62	72·28	73·62	71·95	71·53	71·87	73·45	71·53	71·78	71·03	71·70
29	77·37	74·62	72·20	73·53	71·87	71·62	71·78	73·53	71·45	71·87	.....	72·20
30	77·28	74·53	72·03	73·45	71·70	71·78	71·78	73·53	71·45	71·87	.....	72·20
31	.....	74·28	.....	73·45	71·70	.....	71·70	.....	71·45	71·87	.....	71·95

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1901–02.

TABLE No. 485.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	72·03	77·95	75·03	72·37	70·62	70·62	69·37	70·03	70·53	71·70	71·20	70·70
2	72·20	77·95	75·03	72·20	70·87	70·53	69·37	70·03	70·53	71·70	71·20	71·03
3	72·62	77·87	74·95	72·12	70·87	70·37	69·37	70·12	70·45	71·87	71·20	71·53
4	72·70	77·78	75·12	72·12	70·95	70·45	69·37	70·12	70·45	71·87	71·12	72·20
5	73·95	77·70	75·37	72·03	70·95	70·37	69·28	70·12	70·37	71·95	71·12	72·45
6	74·70	77·62	75·53	72·03	70·87	70·37	69·28	70·12	70·37	72·03	71·03	72·53
7	76·20	77·53	75·53	72·03	70·87	70·28	69·28	70·12	70·45	72·03	71·12	72·45
8	76·95	77·45	75·62	71·95	70·78	70·28	69·37	70·12	70·45	72·12	71·03	72·45
9	77·20	77·20	75·62	71·95	70·87	70·20	69·37	70·03	70·45	72·20	71·03	72·28
10	77·45	77·03	75·53	72·03	70·87	70·20	69·37	70·03	70·37	72·20	71·03	72·28
11	77·53	76·95	75·45	71·95	70·87	70·28	69·28	70·03	70·45	72·03	70·95	72·20
12	77·28	76·70	75·45	71·87	70·78	70·20	69·28	70·20	70·53	71·95	70·87	72·20
13	77·20	76·62	75·20	71·70	70·78	70·12	69·28	70·20	70·53	71·70	70·87	72·53
14	76·78	76·45	74·95	71·62	70·70	70·12	69·20	70·20	70·53	71·62	70·87	73·03
15	76·45	76·28	74·70	71·53	70·62	70·03	69·37	70·20	71·53	71·62	70·87	73·53
16	76·45	76·20	74·45	71·53	70·62	69·95	69·37	70·20	72·03	71·53	70·78	73·87
17	76·20	76·12	74·45	71·45	70·62	69·95	69·53	70·28	72·03	71·70	70·78	74·37
18	76·03	76·03	74·37	71·37	70·53	69·87	69·70	70·28	71·95	71·53	70·70	75·12
19	75·95	76·03	74·12	71·28	70·53	69·87	69·78	70·20	71·70	71·53	70·70	75·28
20	76·03	75·95	73·87	71·20	70·53	69·78	69·95	70·20	71·62	71·45	70·78	75·45
21	76·45	76·03	73·87	71·20	70·53	69·78	69·87	70·20	71·70	71·45	70·78	75·28
22	76·70	76·03	73·70	70·95	70·62	69·70	69·87	70·20	71·70	71·37	70·70	75·45
23	77·20	75·95	73·62	70·87	70·53	69·70	69·95	70·28	71·62	71·37	70·70	75·70
24	77·70	75·87	73·53	70·87	70·45	69·70	69·87	70·28	71·62	71·28	71·62	76·12
25	78·45	75·78	73·37	70·87	70·45	69·62	69·87	70·28	71·62	71·20	71·62	76·45
26	78·45	75·70	73·28	70·78	70·45	69·62	69·87	70·37	71·70	71·20	70·70	76·53
27	78·20	75·53	73·12	70·78	70·37	69·62	69·87	70·37	71·53	71·20	70·70	76·12
28	78·03	75·45	73·03	70·78	70·37	69·53	69·87	70·45	71·62	71·28	70·62	75·78
29	77·95	75·37	72·95	70·70	70·37	69·53	69·87	70·53	71·53	71·20	.....	75·78
30	77·95	75·28	72·70	70·70	70·53	69·53	69·95	70·62	71·53	71·12	.....	76·28
31	.....	75·12	.....	70·62	70·62	.....	70·03	.....	71·62	71·12	.....	76·62

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1902–03.

TABLE No. 486.

1	76·62	76·62	74·95	73·87	72·20	70·70	70·78	71·20	73·20	72·37	71·95	72·28
2	76·53	76·53	75·03	73·78	72·20	70·70	70·62	71·20	73·28	72·28	72·03	72·37
3	76·53	76·53	75·03	73·70	72·28	70·62	70·70	71·28	73·20	72·20	72·12	72·28
4	76·53	76·53	75·12	73·78	72·20	70·62	70·70	71·28	73·28	72·12	72·28	72·45
5	76·45	76·45	75·20	73·78	72·20	70·53	70·70	71·37	73·28	72·12	72·20	72·45
6	76·28	76·20	75·20	73·70	72·12	70·62	70·70	71·37	73·28	71·95	72·12	72·53
7	76·20	75·95	75·12	73·70	72·03	70·53	70·70	71·45	73·28	71·95	72·12	72·62
8	75·95	76·12	75·12	73·53	72·03	70·53	70·70	71·45	73·20	71·95	72·20	72·62
9	76·12	75·95	75·03	73·37	72·03	70·62	70·78	71·53	73·20	71·87	72·20	72·37
10	75·95	75·70	74·95	73·28	72·03	70·62	70·70	71·53	73·20	72·20	72·20	72·20
11	75·70	75·53	74·95	73·20	71·95	70·70	70·62	71·62	73·12	72·28	72·20	72·03
12	75·53	75·53	74·87	73·12	71·95	70·70	70·62	71·70	73·03	72·37	72·28	72·03
13	75·53	75·45	74·87	73·03	71·87	70·62	70·62	71·87	73·12	72·28	72·28	72·45
14	75·45	75·45	74·95	72·95	71·78	70·62	70·70	71·95	73·03	72·20	72·28	74·03
15	75·45	75·45	74·95	72·87	71·70	70·62	70·70	72·03	72·95	72·03	72·37	75·28
16	75·45	75·45	74·95	72·87	71·70	70·62	70·78	72·12	72·95	72·03	72·37	75·28
17	75·37	75·37	74·87	72·87	71·70	70·62	70·78	72·28	72·87	72·03	72·45	75·53
18	75·28	75·28	74·70	72·70	71·70	70·62	70·78	72·53	72·87	71·95	72·62	75·53
19	75·20	75·20	74·70	72·70	71·70	70·70	70·87	72·87	72·78	72·03	72·62	75·20
20	75·12	75·12	74·70	72·78	71·70	70·78	70·95	72·95	72·78	72·03	72·53	75·62
21	75·03	75·03	74·78	72·87	71·70	70·87	70·95	72·95	72·78	72·12	72·53	77·37
22	75·03	74·95	74·78	72·78	71·70	70·87	71·03	73·03	72·62	72·12	72·45	77·53
23	74·87	74·87	74·87	72·70	71·62	70·95	71·12	73·03	72·53	72·12	72·37	77·70
24	74·95	74·95	74·87	72·62	71·53	70·95	71·12	73·03	72·53	72·20	72·37	77·70
25	74·87	74·87	74·95	72·62	71·45	70·87	71·20	73·20	72·53	72·20	72·37	77·78
26	74·95	74·95	74·95	72·53	71·20	70·87	71·20	73·37	72·53	72·12	72·28	77·70
27	74·95	74·95	74·95	72·53	71·12	70·95	71·20	73·28	72·53	72·03	72·20	77·37
28	75·20	75·20	74·95	72·53	71·03	70·95	71·20	73·28	72·45	72·03	72·20	76·78
29	75·20	75·20	74·87	72·45	70·87	70·95	71·28	73·20	72·45	72·03	.....	76·20
30	75·37	75·20	74·87	72·37	70·87	70·87	71·28	73·20	72·45	71·95	.....	75·78
31	.....	75·03	.....	72·20	70·70	.....	71·28	.....	72·45	71·87	.....	75·62

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1903–04.

TABLE No. 487.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	75·37	73·87	73·95	74·20	72·20	71·37	70·87	71·62	70·70	71·37	71·53	70·78
2	75·28	73·95	73·95	74·45	72·12	71·28	70·87	71·62	70·70	71·20	71·62	70·78
3	75·20	74·03	73·87	74·87	71·62	71·20	71·03	71·53	70·70	71·03	71·95	70·70
4	75·12	74·12	73·87	74·70	71·53	71·12	71·12	71·53	70·62	70·86	71·95	70·70
5	75·12	74·28	73·70	74·45	71·37	70·87	71·20	71·53	70·62	70·70	72·03	70·78
6	75·03	74·45	73·70	74·20	71·20	70·87	71·37	71·53	70·70	70·70	72·12	70·87
7	75·28	74·62	73·53	74·20	71·12	70·95	71·62	71·45	70·70	70·95	72·37	70·87
8	75·28	74·87	73·53	73·95	70·87	70·95	71·70	71·45	70·70	71·03	72·53	70·87
9	75·53	74·95	73·45	73·78	70·78	71·03	71·95	71·45	70·78	71·12	72·62	70·95
10	75·37	75·03	73·37	73·70	70·87	71·03	72·12	71·12	70·70	71·37	72·70	70·95
11	75·28	75·12	73·28	73·62	70·78	71·03	72·28	70·95	70·78	71·37	72·87	70·87
12	75·12	75·28	73·28	73·45	70·78	71·03	72·37	70·78	70·87	71·37	72·95	70·95
13	74·95	75·37	73·53	73·37	70·70	71·87	72·28	70·70	70·87	71·37	73·03	71·03
14	74·95	75·28	73·53	73·28	70·78	71·78	72·12	70·70	70·87	71·45	73·03	70·95
15	74·87	75·28	73·70	73·12	70·78	71·78	72·20	70·62	70·78	71·45	73·12	70·95
16	74·62	75·37	73·70	73·03	70·78	71·78	72·20	70·53	70·87	71·53	73·12	71·03
17	74·62	75·45	73·78	72·87	70·87	71·87	72·28	70·62	70·78	71·53	72·70	71·12
18	74·62	75·28	73·78	72·70	70·95	71·78	72·20	70·70	70·87	71·53	72·53	71·12
19	74·62	75·28	73·95	72·62	71·03	71·87	72·20	70·78	70·87	71·62	72·03	71·20
20	74·62	75·28	74·03	72·62	71·12	71·87	72·28	70·87	70·87	71·62	71·37	71·28
21	74·62	75·28	74·03	72·53	71·12	71·87	72·28	70·87	70·95	71·53	71·28	71·20
22	74·70	75·12	74·12	72·45	71·20	71·12	72·20	70·87	70·95	71·53	71·12	71·28
23	74·70	74·95	74·12	72·45	71·20	71·20	72·12	70·87	71·03	71·53	71·03	71·45
24	74·62	74·87	74·20	72·45	71·37	71·20	72·12	70·78	71·12	71·62	70·95	71·45
25	74·62	74·87	74·20	72·37	71·37	71·20	72·03	70·70	71·20	71·62	70·87	71·53
26	74·53	74·87	74·20	72·37	71·20	71·28	71·03	70·62	71·28	71·53	70·87	71·53
27	74·37	74·78	74·28	72·37	71·12	71·45	71·95	70·87	71·45	71·53	70·78	72·45
28	74·45	74·78	74·20	72·37	71·03	71·53	71·95	70·95	71·45	71·45	70·70	72·70
29	74·28	74·53	74·20	72·28	70·95	71·45	71·95	70·70	71·53	71·62	70·70	73·12
30	74·20	74·37	74·20	72·28	70·87	71·37	71·87	70·70	71·53	71·53	.....	73·70
31	.....	74·12	.....	72·20	70·87	.....	71·78	.....	71·37	71·53	.....	74·03

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1904–05.

TABLE No. 488.

1	74·37	77·95	78·20	74·70	72·20	71·03	71·53	71·95	71·37	71·45	72·20	72·87
2	74·12	77·95	78·37	74·45	71·95	71·12	71·78	72·03	71·37	71·37	72·20	72·78
3	75·87	78·12	78·70	74·37	71·87	71·20	71·78	72·12	71·37	71·45	72·28	72·78
4	76·20	78·37	78·87	74·20	71·78	71·28	71·78	72·03	71·28	71·45	72·37	72·70
5	76·53	78·37	78·95	74·03	71·70	71·20	71·78	72·03	71·20	71·45	72·37	72·53
6	76·87	78·95	78·95	73·87	71·62	71·20	71·95	72·03	71·20	71·45	72·53	72·45
7	77·45	79·20	78·87	73·70	71·53	71·28	72·12	72·03	71·20	71·53	72·53	72·37
8	77·62	79·45	78·87	73·70	71·37	71·20	72·20	71·95	71·28	71·53	72·53	72·20
9	77·53	79·45	78·87	73·70	71·28	71·20	72·20	71·95	71·28	71·53	72·53	72·12
10	78·70	79·53	78·95	73·70	71·20	71·20	72·20	72·12	71·12	71·53	72·62	72·03
11	78·45	79·45	79·03	73·62	71·20	71·20	72·37	72·03	71·37	71·53	72·62	72·03
12	78·37	79·45	78·95	73·62	71·20	71·28	72·45	72·03	71·53	71·53	72·62	72·03
13	78·03	79·45	78·95	73·62	71·20	70·95	72·45	71·95	71·53	71·70	72·78	71·78
14	77·53	79·45	78·95	73·62	71·12	70·87	72·53	71·87	71·45	71·70	72·70	71·78
15	77·20	79·20	78·45	73·62	71·12	70·87	72·53	71·87	71·28	71·70	72·70	71·78
16	76·53	78·95	78·20	73·53	71·03	70·78	72·53	71·78	71·37	71·87	72·70	71·70
17	76·62	78·70	78·20	73·45	71·03	70·78	72·45	71·78	71·37	72·03	72·87	71·70
18	76·62	78·45	77·87	73·37	71·03	70·78	72·53	71·78	71·37	71·95	72·95	71·70
19	76·45	78·45	77·70	73·20	71·20	70·78	72·62	71·70	71·45	71·87	73·03	71·62
20	75·45	78·37	77·53	72·95	71·28	70·78	72·62	71·70	71·53	71·78	72·70	71·62
21	75·03	78·45	76·45	72·70	71·28	70·70	72·70	71·70	71·45	71·70	72·70	71·62
22	74·70	78·45	76·45	72·53	71·37	70·70	72·70	71·62	71·45	71·70	72·70	71·53
23	74·53	78·37	76·12	72·53	71·37	71·12	72·95	71·62	71·37	71·70	72·78	71·53
24	74·45	78·28	75·95	72·45	71·28	71·20	73·37	71·53	71·53	71·78	72·87	71·45
25	74·45	78·28	75·87	72·45	71·20	71·45	72·95	71·53	71·45	71·87	72·78	71·45
26	75·70	78·28	75·53	72·37	71·20	71·37	72·87	71·45	71·45	71·87	72·87	71·45
27	76·03	78·20	75·45	72·37	71·12	71·28	72·87	71·45	71·45	71·95	72·95	71·53
28	76·20	78·20	75·37	72·28	71·12	71·28	72·78	71·45	71·45	72·03	72·95	72·03
29	76·53	78·12	75·28	72·28	71·03	71·28	72·78	71·45	71·28	72·20	.....	72·28
30	77·20	78·12	75·03	72·28	71·03	71·28	72·78	71·45	71·12	72·20	.....	73·20
31	.....	78·20	.....	72·20	71·03	.....	72·78	.....	71·12	72·28	.....	74·03

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1905–06.

TABLE No. 489.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	75·20	72·62	74·70	72·53	71·78	70·62	70·62	71·28	71·37	70·53	72·53	71·78
2	75·78	72·87	74·62	72·45	71·78	70·53	70·53	71·28	71·20	70·62	72·45	71·70
3	75·53	73·20	74·53	72·37	71·70	70·62	70·45	71·28	71·12	70·70	72·45	71·62
4	75·53	73·45	74·45	72·20	71·70	70·53	70·37	71·20	71·03	70·70	72·37	71·62
5	75·62	73·62	74·20	72·03	71·62	70·53	70·28	71·28	71·03	70·70	72·45	71·53
6	75·70	73·70	74·20	71·95	71·53	70·53	70·20	71·12	71·03	70·87	72·45	71·45
7	75·78	73·95	74·20	71·95	71·62	70·53	70·20	71·12	71·03	70·95	72·28	71·28
8	75·37	74·12	74·03	71·87	71·62	70·53	70·20	71·03	70·95	70·95	72·37	71·20
9	74·87	74·37	74·03	71·70	71·53	70·53	70·20	71·12	71·03	70·95	72·28	70·95
10	74·53	74·53	74·03	71·70	71·53	70·53	70·20	71·03	71·03	70·95	72·20	70·95
11	74·20	75·03	73·87	71·62	71·37	70·45	70·20	70·95	71·03	71·03	72·20	70·95
12	74·12	75·20	73·87	71·62	71·28	70·45	70·20	70·95	70·95	71·12	72·28	70·87
13	74·03	75·45	73·70	71·70	71·20	70·45	70·12	70·87	71·03	71·20	72·12	70·87
14	73·87	75·53	73·70	71·62	71·20	70·45	70·12	70·95	71·03	71·03	72·12	70·87
15	73·70	75·53	73·53	71·70	71·20	70·37	70·20	70·87	71·03	70·87	71·95	70·78
16	73·62	75·62	73·53	71·70	71·12	70·37	70·20	70·87	70·95	70·78	71·87	70·78
17	73·37	75·62	73·53	71·70	71·12	70·45	70·28	70·95	70·95	70·70	71·78	70·70
18	73·03	75·62	73·53	71·70	71·12	70·45	70·20	70·87	70·87	70·70	71·70	70·70
19	73·03	75·53	73·53	71·78	71·03	70·45	70·53	70·78	70·87	70·70	71·53	70·62
20	73·03	75·45	73·53	71·78	70·95	70·45	70·70	70·70	70·78	70·62	71·53	70·62
21	72·87	75·62	73·45	71·78	70·95	70·62	70·78	70·70	70·78	70·62	71·45	70·53
22	72·70	75·53	73·45	71·78	70·70	70·62	70·87	70·87	70·70	70·53	71·45	70·53
23	72·62	75·53	73·37	71·70	70·70	70·70	70·95	70·70	70·70	70·53	71·70	70·45
24	72·53	75·62	73·12	71·70	70·70	70·70	70·87	70·70	70·70	71·20	71·78	70·45
25	72·45	75·37	73·12	71·70	70·62	70·62	70·87	70·78	70·78	72·20	71·78	70·45
26	72·45	75·20	73·03	71·78	70·62	70·53	71·12	70·78	70·62	72·95	71·78	70·37
27	72·45	75·20	72·95	71·62	70·53	70·53	71·12	70·87	70·62	73·20	72·37	70·70
28	72·45	75·03	72·87	71·62	70·53	70·53	71·20	70·95	70·62	73·12	71·87	71·70
29	72·53	74·87	72·87	71·70	70·53	70·53	71·20	71·03	70·53	73·05	.....	72·20
30	72·53	74·78	72·62	71·70	70·53	70·53	71·28	71·12	70·53	72·87	.....	72·70
31	.....	74·78	.....	71·78	70·53	.....	71·28	.....	70·53	73·03	.....	72·87

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1906–07.

TABLE No. 490.

1	72·37	74·12	75·20	74·03	71·12	69·87	69·37	70·70	70·95	70·37	71·12	73·03
2	72·37	74·12	75·03	74·03	71·03	69·95	69·28	70·78	70·95	70·28	71·03	72·95
3	72·20	74·12	74·87	73·87	70·95	70·03	69·37	70·78	71·03	70·20	70·95	72·87
4	72·37	74·20	75·03	73·70	70·87	70·03	69·37	70·78	71·03	70·20	70·95	73·20
5	72·37	74·20	75·03	73·70	70·95	69·70	69·37	69·62	71·12	70·37	71·20	73·20
6	72·37	74·28	74·62	73·62	70·87	69·70	69·37	69·62	70·70	70·45	71·20	73·20
7	72·37	74·53	74·87	73·28	70·87	69·70	69·28	70·78	70·70	70·45	71·28	73·28
8	72·37	74·70	75·20	73·03	70·87	69·70	69·28	70·78	70·70	70·53	71·70	73·37
9	72·28	74·95	75·95	73·12	70·78	69·70	69·28	70·78	69·62	70·53	71·62	73·37
10	72·37	74·95	75·95	72·87	70·78	69·70	69·28	70·70	69·62	70·62	71·62	73·20
11	72·28	75·03	75·70	72·87	70·78	69·62	69·28	70·78	69·53	70·62	71·53	71·28
12	72·28	75·12	75·45	72·70	70·70	69·62	69·37	70·78	69·53	70·53	71·53	71·45
13	72·28	75·28	75·45	72·53	70·70	69·53	69·37	70·70	69·53	70·62	71·62	71·20
14	72·45	75·62	75·20	72·37	70·53	69·53	69·37	70·70	69·62	70·70	71·62	71·28
15	72·45	75·87	75·12	72·20	70·53	69·53	69·37	69·62	70·87	70·70	71·62	71·20
16	72·45	75·87	75·12	72·12	70·53	69·53	69·37	69·62	70·95	70·62	71·62	71·12
17	72·62	75·87	75·12	72·12	70·28	69·45	69·45	69·62	70·70	70·62	72·45	71·12
18	72·70	75·95	75·03	71·95	70·20	69·37	69·45	69·62	70·70	70·62	72·45	71·12
19	72·70	75·95	74·95	71·87	70·20	69·37	69·37	69·62	70·70	70·62	72·45	71·12
20	72·87	75·95	74·87	71·70	70·20	69·28	69·62	69·62	70·70	70·70	72·45	71·12
21	72·87	75·87	74·70	71·62	70·12	69·28	69·62	69·62	70·62	70·95	72·70	71·20
22	72·95	75·87	74·62	71·53	70·12	69·28	69·62	70·78	70·62	70·95	72·70	71·20
23	73·45	75·95	74·62	71·45	70·20	69·37	69·62	70·87	70·62	70·95	72·87	71·28
24	73·53	75·78	74·53	71·37	70·12	69·28	69·78	70·78	70·37	71·12	72·87	71·37
25	73·53	75·70	74·53	71·37	70·12	69·28	69·78	70·70	70·37	71·20	73·03	71·70
26	73·95	75·70	74·45	71·28	70·20	69·28	69·87	70·87	70·28	71·20	73·03	72·45
27	73·03	75·45	74·37	71·28	70·03	69·28	69·87	70·95	70·20	71·12	73·03	72·53
28	74·03	75·37	74·20	71·20	69·95	69·28	69·78	71·12	70·28	71·20	73·12	74·70
29	74·03	75·37	74·03	71·20	69·95	69·28	69·87	71·03	70·37	71·20	.....	75·20
30	74·03	75·28	74·03	71·20	69·87	69·28	69·87	71·03	70·37	71·28	.....	75·62
31	.....	75·20	.....	71·12	69·87	.....	69·87	.....	70·37	71·20	.....	76·12

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1907–08.

TABLE No. 491.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	76·53	72·95	76·28	74·20	72·20	70·87	71·53	71·95	71·87	72·37	72·37	73·20
2	76·70	74·95	76·12	74·12	72·12	70·95	71·45	71·70	71·95	72·28	72·28	73·20
3	76·03	76·20	76·12	74·20	72·12	70·95	71·53	71·78	71·70	72·37	72·20	73·28
4	75·87	76·45	76·03	74·20	72·12	70·95	71·53	71·87	71·70	72·37	72·28	73·12
5	75·70	76·45	75·95	74·12	72·12	70·87	71·62	71·87	71·70	72·20	72·37	73·12
6	75·28	76·20	75·95	74·03	72·03	70·78	71·62	71·87	71·53	72·28	74·12	73·12
7	75·28	75·37	76·12	73·95	71·95	70·70	71·70	72·20	71·62	72·28	74·20	73·20
8	74·37	75·37	76·12	73·70	72·12	70·70	71·70	72·53	71·53	72·20	74·12	72·95
9	74·20	75·20	76·03	73·78	71·87	70·70	71·62	72·37	71·53	72·45	74·20	71·95
10	73·95	75·20	76·12	73·70	71·78	70·62	71·62	72·20	71·53	72·20	74·03	71·95
11	73·62	74·95	76·03	73·62	71·70	70·62	71·62	72·20	71·53	72·20	73·87	71·95
12	73·70	74·95	75·95	73·62	71·53	70·62	71·62	72·20	71·28	72·45	73·87	71·95
13	73·70	74·95	75·87	73·28	71·53	70·70	71·62	72·03	71·20	72·45	73·70	72·95
14	73·37	74·95	75·78	73·20	71·53	70·70	70·70	72·03	71·28	72·37	74·53	73·03
15	73·95	74·87	75·62	73·03	71·53	70·78	71·70	71·95	71·12	72·28	73·45	72·95
16	73·70	75·37	75·53	72·95	71·53	70·87	71·87	71·95	71·37	72·28	73·03	73·03
17	72·95	75·70	75·53	72·95	71·62	70·87	71·70	71·95	72·03	72·28	73·03	73·03
18	72·95	75·70	75·28	73·03	71·28	71·03	71·87	71·95	71·87	72·37	73·03	73·20
19	72·95	75·70	75·20	72·87	71·20	71·03	71·62	72·03	71·95	72·45	73·03	72·87
20	73·03	75·95	75·03	72·62	71·20	71·12	71·70	72·03	71·87	72·53	73·03	71·78
21	73·20	76·20	74·95	72·62	71·12	71·12	71·78	72·03	71·95	72·45	72·87	71·70
22	73·20	76·45	74·95	72·53	71·12	71·20	71·70	72·12	71·95	72·53	72·87	71·70
23	73·12	76·03	74·53	72·53	71·03	71·20	71·70	72·12	71·95	72·53	72·87	71·70
24	72·95	77·12	74·53	72·53	71·03	71·28	71·70	72·03	72·03	72·53	73·20	71·70
25	73·12	76·70	74·37	72·53	70·95	71·28	71·87	72·12	71·87	72·53	73·20	72·20
26	73·12	76·70	74·28	72·45	70·95	71·45	71·70	72·12	71·87	72·62	73·37	72·20
27	73·12	76·53	74·20	72·37	70·78	71·37	71·70	72·03	71·95	72·62	73·45	72·28
28	73·20	76·45	74·12	72·28	70·78	71·37	71·70	72·03	71·95	72·62	73·53	72·28
29	73·20	76·45	74·12	72·12	70·87	71·45	71·70	72·03	71·87	72·62	73·53	72·28
30	73·20	76·45	74·28	72·12	70·87	71·53	71·70	71·95	71·95	72·37	.....	72·53
31	.....	76·45	.....	72·20	70·87	.....	71·70	.....	72·03	72·20	.....	72·53

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1908–09.

TABLE No. 492.

1	73·95	76·20	79·95	73·95	70·70	70·20	69·28	68·70	69·53	70·53	70·37	71·28
2	74·20	75·95	79·95	73·95	70·70	70·20	69·20	68·95	69·53	70·45	70·37	71·28
3	74·12	76·12	79·95	73·78	70·62	70·20	69·20	68·95	70·12	70·45	70·37	71·28
4	74·70	76·12	79·87	73·53	70·53	70·28	69·20	68·87	70·53	70·37	70·37	71·12
5	75·03	77·20	79·87	73·12	70·37	70·28	69·20	68·87	70·53	70·28	70·70	71·20
6	75·03	78·12	79·87	73·53	70·45	70·20	69·20	68·95	70·37	70·20	70·70	71·28
7	75·12	78·12	79·70	73·12	70·37	70·12	69·20	68·95	70·37	70·20	70·70	71·37
8	75·12	78·12	79·53	73·20	70·37	70·12	69·20	69·03	70·28	70·62	70·70	71·37
9	75·20	78·70	79·37	73·20	70·20	69·95	69·20	69·12	70·28	70·62	70·62	71·37
10	76·37	79·62	77·87	73·03	70·20	69·87	69·20	69·12	70·37	70·62	70·70	71·45
11	76·37	80·12	77·53	72·95	70·12	69·87	69·20	69·12	70·20	70·53	70·78	71·45
12	76·37	80·20	77·12	72·95	70·12	69·87	69·12	69·12	70·20	70·53	70·87	71·37
13	76·53	80·12	75·87	72·95	70·20	69·87	69·12	69·12	70·20	70·53	70·87	71·37
14	76·45	80·53	75·87	73·03	70·20	69·87	69·12	69·12	70·20	70·53	70·53	71·37
15	76·45	80·53	75·53	72·78	70·20	69·78	69·12	69·12	70·20	70·53	70·53	71·28
16	75·45	80·37	75·53	72·78	70·03	69·78	69·12	69·12	70·20	70·53	70·53	71·28
17	76·53	80·45	75·78	72·70	69·87	69·70	69·12	69·12	70·12	70·53	70·62	71·28
18	76·20	80·53	75·62	72·87	69·87	69·70	69·12	69·12	70·12	70·45	70·70	71·28
19	76·20	80·53	75·53	72·78	69·78	69·70	69·12	69·12	70·12	70·45	70·78	71·20
20	76·53	80·45	75·53	72·70	69·78	69·62	69·12	69·12	70·12	70·53	70·78	71·20
21	76·53	80·53	75·62	72·78	69·87	69·62	69·03	69·12	70·03	70·53	70·78	71·12
22	76·28	80·45	76·12	72·53	69·78	69·53	69·03	69·12	70·03	70·62	70·78	70·95
23	76·37	80·28	76·12	72·62	69·78	69·53	69·03	69·12	70·03	70·53	70·70	70·70
24	76·37	80·20	76·28	71·95	69·70	69·53	69·03	69·12	70·03	70·53	70·70	70·70
25	76·20	79·95	75·37	72·53	69·70	69·53	68·95	69·20	70·12	70·53	70·78	70·70
26	76·20	79·62	74·20	72·20	69·70	69·53	68·95	69·20	70·20	70·45	70·95	70·87
27	76·37	79·53	73·95	72·20	69·62	69·45	68·95	69·28	70·12	70·45	71·20	70·87
28	76·12	79·12	73·95	72·03	69·62	69·45	69·03	69·37	70·20	70·45	71·20	71·03
29	76·12	79·12	74·20	71·70	69·37	69·45	69·03	69·37	70·28	70·45	.....	71·12
30	76·20	79·03	73·95	71·70	69·03	69·37	69·03	69·53	70·37	70·37	.....	71·20
31	.....	78·95	.....	71·70	69·03	.....	68·70	.....	69·70	70·37	.....	71·37

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1909–10.

TABLE No. 493.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·62	76·37	81·03	74·12	73·95	71·62	71·62	71·12	71·62	71·45	71·62	71·45
2	71·78	76·70	80·87	74·03	73·95	71·62	71·62	71·03	71·70	71·53	71·62	71·45
3	72·12	77·70	80·53	73·87	73·95	71·53	71·70	71·12	71·70	71·37	71·53	71·28
4	72·37	77·70	80·12	73·78	73·78	71·53	71·70	71·12	71·62	71·37	71·53	71·28
5	72·70	77·45	79·87	73·62	73·62	71·53	71·62	71·03	71·53	71·37	71·45	71·45
6	73·53	77·20	79·53	73·53	73·53	71·62	71·62	70·95	71·45	71·53	71·45	71·53
7	74·70	77·20	79·20	73·37	73·37	71·53	71·70	70·95	71·62	71·45	71·37	71·62
8	75·70	77·03	78·87	73·20	73·03	71·53	71·78	71·03	71·37	71·37	71·53	71·95
9	76·95	77·12	78·53	73·20	72·95	71·62	71·78	71·03	71·28	71·37	71·62	72·28
10	76·95	77·28	78·12	73·12	72·70	71·62	71·78	71·12	71·62	71·28	71·62	72·70
11	76·62	77·45	77·78	73·03	72·70	71·70	71·70	71·03	71·87	71·28	71·53	72·62
12	76·03	78·20	77·45	72·95	72·62	71·70	71·70	71·03	72·03	71·28	71·62	72·53
13	75·70	79·03	77·20	72·78	72·45	71·62	71·62	71·03	71·87	71·28	71·62	72·37
14	76·45	79·20	76·95	72·70	72·28	71·78	71·53	71·03	71·78	71·20	71·53	72·28
15	76·78	79·37	76·70	72·70	72·28	71·87	71·37	70·95	71·87	71·37	71·53	72·12
16	76·78	79·62	76·45	72·62	72·37	71·78	71·28	70·95	71·87	71·45	71·45	71·78
17	76·70	79·87	76·20	72·53	72·37	71·70	71·20	71·03	71·62	71·45	71·45	71·62
18	76·53	80·12	75·95	72·37	72·28	71·70	71·20	71·03	71·62	71·45	71·45	71·62
19	76·70	80·37	75·95	72·37	72·28	71·78	71·20	71·12	71·53	71·37	71·62	71·53
20	76·95	80·53	75·53	72·28	72·20	71·70	71·20	71·20	71·62	71·28	71·53	71·45
21	77·12	80·70	74·95	72·28	72·12	71·70	71·12	71·28	71·70	71·28	71·53	71·45
22	77·12	80·95	74·70	72·20	72·03	71·87	71·20	71·28	71·62	71·28	71·45	71·78
23	77·12	81·20	75·45	72·20	71·95	71·78	71·28	71·45	71·62	71·37	71·45	72·20
24	76·87	81·20	75·20	72·37	71·95	71·87	71·20	71·45	71·53	71·45	71·45	72·78
25	76·87	81·20	74·95	72·37	71·87	71·87	71·20	71·62	71·53	71·53	71·37	73·20
26	76·70	81·20	74·78	72·37	71·70	71·95	71·20	71·62	71·45	71·62	71·37	73·70
27	76·70	81·20	74·70	72·70	71·78	71·95	71·12	71·53	71·37	71·78	71·53	73·95
28	76·53	81·28	74·53	72·87	71·87	71·87	71·12	71·53	71·37	71·78	71·53	73·78
29	76·70	81·45	74·37	73·20	71·70	71·95	71·03	71·53	71·37	71·78	.....	73·62
30	76·70	81·45	74·28	73·62	71·62	71·87	71·03	71·62	71·37	71·62	.....	73·62
31	.....	81·20	.....	73·78	71·70	.....	71·03	.....	71·45	71·53	.....	73·70

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1910–11.

TABLE No. 494.

1	73·78	75·95	73·45	72·45	70·70	70·70	70·12	71·12	71·28	70·70	71·12	71·45
2	74·20	75·95	73·45	72·28	70·70	70·78	70·03	71·12	71·28	70·70	71·12	71 28
3	74 37	76·03	73·53	72·28	70·70	70·95	70·20	71·12	71·20	70·70	71·12	70·95
4	74·28	75·95	73·62	72·28	70·87	70·78	70·20	71·20	71·28	70·78	71·03	70·78
5	74·53	75·95	73·78	72·20	70·87	70·78	70·28	71·12	71·28	70·70	71·03	70·70
6	74·70	75·87	74·03	72·03	70·70	70·95	70·37	71·12	71·12	70·87	71·03	70·62
7	74·87	75·87	74·20	72·03	70·62	70·95	70·70	71·12	71·12	70·87	71·12	70·62
8	74·95	75·70	74·20	72·03	70·70	71·03	70·95	71·12	71·12	70·87	71·37	70·53
9	75·12	75·28	74·37	71·95	70·70	70·87	71·12	71·12	71·03	70·78	71·62	70·37
10	75·20	75·28	74·37	71·78	70·87	70·87	71·12	71·20	71·20	70·78	72·03	70·37
11	75·37	75·20	74·45	71·70	70·78	70·78	71·03	71·28	71·20	70·87	72·20	70·37
12	75·37	74·95	74·28	71·70	70·78	70·78	71·03	71·28	71·12	70·87	71·87	70·28
13	75·28	74·78	74·03	71·62	70·78	70·87	71·20	71·37	71·03	70·87	71·87	70·28
14	75·20	74·62	74·12	71·62	70·70	70·78	71·20	71·37	71·03	70·87	71·78	70·28
15	75·20	74·45	74·12	71·53	70·70	70·70	71·37	71·28	70·95	70·78	71·78	70·37
16	75·03	74·45	73·95	71·53	70·78	70·70	71·28	71·28	70·95	70·78	71·87	70·37
17	74·95	74·37	73·87	71·45	70·70	70·70	71·28	71·20	70·95	70·95	71·87	70·37
18	74·95	74·37	73·95	71·45	70·70	70·62	71·28	71·12	70·87	70·95	71·87	70·28
19	74·95	74·03	73·87	71·28	70·70	70·62	71·20	71·12	70·87	71·03	71·78	70·28
20	74·87	73·87	73·70	71·20	70·62	70·53	71·20	71·12	70·87	71·03	71·78	70·28
21	74·87	73·70	73·45	71·28	70·62	70·45	71·28	71·20	70·70	70·95	71·78	70·28
22	74·95	73·87	73·37	71·20	70·62	70·45	71·28	71·12	70·70	70·95	71·62	70·37
23	74·95	73·87	73·37	71·12	70·62	70·28	71·03	71·20	70·62	70·95	71·62	70·37
24	75·12	73·70	73·28	71·12	70·78	70·37	71·03	71·20	70·53	70·87	71·62	70·37
25	75·20	73·70	73·20	70·95	70·87	70·20	71·03	71·20	70·53	70·87	71·53	70·37
26	75·37	73·53	73·03	70·95	70·70	70·20	70·95	71·20	70·45	70·87	71·53	70·45
27	75·37	73·45	72·95	70·87	70·62	70·28	71·12	71·12	70·45	70·87	71·45	70·37
28	75·53	73·28	72·78	70·87	70·62	70·20	71·12	71·20	70·53	70·78	71·45	70·37
29	75·78	73·28	72·62	70·87	70·70	70·20	71·20	71·28	70·62	70·78	.....	70·45
30	75·95	73·37	72·53	70·70	70·70	70·20	71·12	71·28	70·70	70·95	.....	70·45
31	.....	73·45	.....	70·70	70·62	.....	71·12	.....	70·70	71·03	.....	70·53

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1911–12.

TABLE No. 495.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·53	74·95	75·78	73·20	70·78	70·28	69·70	69·62	70·87	72·03	72·37	72·62
2	70·53	75·12	75·70	73·12	70·78	70·28	69·70	69·45	71·03	71·87	72·37	72·62
3	70·70	75·37	75·70	72·87	70·70	70·20	69·70	69·45	71·03	71·87	72·03	72·62
4	70·87	75·95	75·53	72·87	70·78	70·20	69·70	69·53	71·12	71·87	71·95	72·53
5	70·95	76·37	75·45	72·87	70·70	70·20	69·62	69·45	71·12	71·78	71·95	72·62
6	70·95	76·70	75·37	72·70	70·70	70·20	69·62	69·62	71·03	71·95	72·12	72·53
7	71·03	76·87	75·37	72·70	70·62	70·28	69·62	69·45	71·03	72·12	72·03	72·62
8	71·37	77·03	75·28	72·62	70·62	70·20	69·53	69·45	70·95	72·20	71·95	72·62
9	71·87	77·20	75·12	72·45	70·70	70·28	69·53	69·62	70·87	72·20	72·03	72·45
10	72·62	77·20	74·95	72·28	70·70	70·20	69·53	69·78	70·87	72·12	72·03	72·45
11	73·20	77·20	74·95	72·20	70·87	70·20	69·53	69·95	70·95	72·12	72·45	72·37
12	73·95	77·37	74·70	72·03	70·87	69·95	69·53	69·95	71·28	73·20	72·70	72·37
13	74·95	77·20	74·70	71·95	70·87	69·95	69·45	69·78	71·78	72·37	72·78	72·28
14	75·37	76·95	74·78	71·87	70·95	69·78	69·45	70·03	72·12	72·37	72·70	72·37
15	75·70	76·87	74·87	71·70	71·03	70·03	69·45	70·20	72·20	72·20	72·45	72·28
16	75·95	76·70	74·95	71·62	71·03	69·95	69·45	70·03	72·03	72·20	72·45	72·28
17	75·70	76·53	74·78	71·62	70·95	69·95	69·62	70·20	72·12	72·28	72·37	72·20
18	75·20	76·37	74·78	71·53	70·87	69·95	69·62	70·20	72·03	72·28	72·20	72·03
19	74·95	76·12	74·62	71·45	70·70	69·95	69·53	70·20	71·95	72·20	72·03	71·95
20	74·53	75·95	74·53	71·37	70·70	69·78	69·62	70·37	71·95	72·20	71·87	71·95
21	74·28	75·78	74·37	71·37	70·70	69·95	69·62	70·45	71·95	72·37	71·70	71·87
22	74·12	75·70	74·20	71·28	70·62	69·87	69·62	70·37	71·95	72·12	71·62	71·87
23	73·95	75·62	74·03	71·20	70·62	69·87	69·45	70·53	71·87	71·95	71·62	71·87
24	73·95	75·62	73·95	71·20	70·62	69·78	69·37	70·62	71·78	71·95	71·62	71·95
25	73·87	75·78	73·87	71·03	70·62	69·87	69·37	70·53	71·78	71·87	71·78	71·87
26	73·87	75·95	73·70	70·95	70·62	69·78	69·37	70·53	71·78	71·78	71·87	71·70
27	73·95	76·03	73·62	70·95	70·53	69·87	69·45	70·70	71·78	71·95	71·95	71·62
28	74·12	76·03	73·28	70·95	70·53	69·70	69·45	70·70	71·62	72·12	72·03	71·62
29	74·37	76·03	73·28	70·87	70·37	69·78	69·37	70·62	71·78	71·95	72·37	71·53
30	74·70	76·03	73·20	70·78	70·37	69·70	69·45	70·78	72·12	71·95	.....	71·45
31	.....	75·95	.....	70·78	70·20	.....	69·62	.....	72·12	72·28	.....	71·37

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1912–13.

TABLE No. 496.

1	71·24	76·16	78·91	74·03	71·70	71·20	71·03	72·74	72·41	72·16	72·74	73·12
2	71·28	76·12	78·83	73·82	71·62	71·20	71·03	72·58	72·53	72·12	72·82	73·12
3	71·24	76·03	78·49	73·66	71·53	71·20	71·07	72·58	72·62	71·99	72·74	73·03
4	71·16	75·78	78·24	73·53	71·45	71·20	70·95	72·62	72·66	72·16	72·78	73·12
5	71·16	75·41	77·99	73·45	71·41	71·16	70·95	72·62	73·08	72·20	72·78	73·20
6	71·12	75·41	77·89	73·37	71·28	71·12	70·95	72·62	73·08	72·66	72·78	73·12
7	71·16	75·41	77·49	73·24	71·28	71·12	70·82	72·91	73·37	72·70	72·70	73·12
8	72·24	75·45	77·28	72·99	71·37	71·20	70·82	73·78	73·66	72·74	72·66	73·32
9	73·74	75·49	77·16	72·91	71·37	71·28	70·87	74·41	73·99	72·66	72·49	73·37
10	74·62	75·41	77·07	72·87	71·45	71·37	70·78	74·49	73·99	72·62	72·41	73·37
11	74·99	75·45	76·87	72·78	71·45	71·37	70·82	74·62	73·66	72·70	72·37	73·28
12	75·24	75·53	76·66	72·78	71·45	71·28	70·87	74·45	73·66	72·70	72·28	73·16
13	75·62	75·62	76·45	72·70	71·57	71·20	70·78	74·53	73·57	72·57	72·49	72·91
14	75·66	75·62	76·20	72·62	71·70	71·20	70·78	74·45	73·57	72·41	72·74	72·82
15	75·66	75·95	76·03	72·57	71·78	71·20	70·62	74·28	73·41	72·37	72·78	72·87
16	75·95	76·07	76·03	72·53	71·87	71·20	70·70	74·24	73·12	72·57	73·24	73·41
17	76·24	76·20	75·99	72·53	71·70	71·16	70·66	74·16	72·99	72·62	73·37	73·49
18	76·66	76·49	75·74	72·45	71·62	71·20	70·74	73·99	72·78	72·62	73·37	74·32
19	76·66	76·74	75·53	72·28	71·53	71·20	70·78	73·78	73·16	72·74	73·33	74·37
20	76·57	77·07	75·49	72·20	71·53	71·20	70·87	73·49	72·91	72·78	73·16	74·45
21	76·28	77·20	75·41	72·24	71·49	71·28	70·95	73·32	72·66	73·08	73·20	74·91
22	75·99	77·12	75·32	72·24	71·37	71·28	71·07	73·03	72·99	73·16	73·20	75·24
23	76·20	77·03	75·28	72·20	71·28	71·20	71·24	73·03	72·91	73·20	73·12	76·87
24	76·37	76·95	75·12	72·20	71·20	71·28	71·37	73·28	72·53	73·33	73·16	77·32
25	76·53	76·95	75·03	72·22	71·12	71·28	71·87	73·33	72·41	73·24	73·20	78·24
26	76·62	77·12	74·95	72·03	71·28	71·28	72·12	72·99	72·32	73·16	73·16	78·41
27	76·24	77·41	74·87	71·95	71·20	71·20	72·20	72·83	72·41	72·95	73·12	78·24
28	76·20	77·62	74·62	71·87	71·28	71·20	72·49	72·78	72·32	72·74	73·20	77·91
29	76·20	77·91	74·41	71·87	71·37	71·28	72·66	72·70	72·24	72·66	.....	77·53
30	76·12	78·32	74·24	71·87	71·28	71·20	72·28	72·33	72·33	72·70	.....	77·07
31	.....	78·70	.....	71·78	71·20	.....	72·62	.....	72·24	72·91	.....	76·74

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1913–14.

TABLE No. 497.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	77·28	76·82	74·78	71·91	70·95	70·20	70·37	71·99	73·07	71·70	71·70	73·16
2	77·87	77·03	74·53	71·87	70·87	70·20	70·57	72·20	73·12	71·62	71·70	72·99
3	77·95	77·33	74·37	71·87	70·89	70·28	70·53	72·20	72·99	71·57	71·91	72·74
4	77·87	77·66	74·37	71·74	70·87	70·53	70·53	72·03	73·03	71·62	71·74	72·49
5	77·95	77·91	74·24	71·70	70·78	70·45	70·45	71·95	72·99	71·95	71·70	72·45
6	78·20	77·95	74·03	71·58	70·78	70·37	70·37	71·95	72·95	72·03	71·62	72·24
7	78·28	77·95	73·86	71·28	70·87	70·37	70·37	71·95	73·03	72·03	71·62	72·07
8	78·20	78·03	73·78	71·37	70·74	70·28	70·37	71·91	72·95	71·79	71·99	71·99
9	77·95	77·70	73·66	71·53	70·70	70·20	70·33	71·95	72·95	71·70	72·12	71·82
10	77·70	77·57	73·53	71·41	70·53	70·37	70·28	72·08	72·87	71·70	72·16	71·70
11	77·57	77·33	73·41	71·28	70·53	70·37	70·20	72·03	72·87	71·78	72·20	71·62
12	77·28	77·20	73·45	71·28	70·53	70·28	70·12	72·08	72·95	71·87	72·32	71·53
13	77·28	77·08	73·37	71·24	70·62	70·16	70·07	72·20	72·95	72·03	72·78	71·53
14	76·70	76·78	73·37	71·12	70·53	70·12	70·03	72·08	72·57	72·37	73·08	71·53
15	76·57	76·66	73·37	71·12	70·45	70·12	70·07	72·28	72·53	72·24	73·12	71·62
16	76·41	76·45	73·24	71·20	70·37	70·12	70·28	72·37	72·82	72·20	73·41	71·53
17	76·37	76·24	73·16	71·28	70·37	70·16	70·20	72·41	72·99	72·07	73·53	71·53
18	76·28	76·12	73·12	71·28	70·37	70·12	70·28	72·49	72·66	72·03	73·70	71·53
19	76·12	75·83	73·03	71·20	70·45	70·20	70·24	72·53	72·62	72·16	73·70	71·62
20	76·12	75·49	72·95	71·28	70·45	70·16	70·45	72·62	72·78	71·95	73·57	71·70
21	76·20	75·53	72·87	71·28	70·41	70·24	70·53	72·87	72·66	71·70	73·70	71·87
22	76·20	75·28	72·87	71·28	70·37	70·12	71·03	72·91	72·41	71·87	73·53	71·87
23	76·37	75·20	72·78	71·37	70·41	70·03	71·24	72·37	72·32	71·87	73·70	71·78
24	76·33	75·16	72·70	71·37	70·33	70·07	71·37	72·82	72·20	72·16	73·70	71·87
25	76·37	74·95	72·70	71·16	70·20	70·28	71·58	72·70	72·20	72·20	73·62	71·87
26	76·20	74·91	72·58	71·12	70·37	70·33	72·24	72·57	72·07	72·12	73·53	71·78
27	76·20	74·95	72·41	71·16	70·37	70·20	72·12	72·87	71·95	72·20	73·41	71·91
28	76·33	74·95	72·24	71·16	70·37	70·20	72·28	72·95	71·87	72·12	73·32	72·07
29	76·58	75·12	72·16	71·12	70·42	70·20	72·28	73·07	71·99	72·03	.....	72·87
30	76·70	75·03	72·08	71·03	70·28	70·32	72·37	73·03	71·91	72·03	.....	73·53
31	.....	75·03	.....	71·03	70·20	.....	72·28	.....	71·70	71·79	.....	73·91

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1914–15.

TABLE No. 498.

1	73·87	74·37	72·74	72·37	70·78	69·82	69·28	69·45	70·32	70·12	70·16	70·62
2	73·87	74·32	72·62	72·28	70·74	69·82	69·20	69·49	70·28	70·03	70·12	70·62
3	73·95	74·37	72·53	72·20	70·70	69·87	69·12	69·53	70·49	70·03	70·41	70·57
4	73·95	74·37	72·62	72·20	70·66	69·87	69·12	69·66	70·78	70·12	70·45	70·43
5	73·82	74·53	72·45	72·20	70·53	69·74	69·12	69·62	70·95	70·12	70·37	70·41
6	73·66	74·53	72·45	72·12	70·53	69·70	69·12	69·66	71·07	70·12	70·24	70·37
7	73·41	74·66	72·37	72·29	70·45	69·62	69·12	69·70	70·99	70·20	70·20	70·29
8	73·12	74·62	72·37	72·03	70·45	69·57	69·12	69·62	71·07	70·28	70·07	70·14
9	72·95	74·70	72·28	72·03	70·37	69·53	69·20	69·62	70·95	70·37	70·03	70·03
10	72·66	74·70	72·16	71·95	70·37	69·74	69·12	69·65	71·03	70·45	69·97	70·03
11	72·41	74·78	72·20	71·87	70·24	69·82	69·20	69·74	70·82	70·45	69·95	69·95
12	72·28	74·91	71·99	71·87	70·20	69·78	69·07	69·70	70·70	70·45	69·95	69·95
13	72·28	74·95	72·03	71·87	70·20	69·87	69·16	69·78	70·62	70·45	69·95	69·87
14	72·20	74·83	71·99	71·78	70·16	69·87	69·37	69·70	70·62	70·37	69·89	69·95
15	72·07	74·66	71·95	71·70	70·12	69·78	69·37	69·87	70·41	70·37	69·87	69·87
16	71·95	74·49	71·91	71·62	70·12	69·78	69·49	69·74	70·45	70·37	69·87	69·87
17	71·95	74·45	71·87	71·57	70·07	69·70	69·53	69·87	70·37	70·33	69·87	69·87
18	72·07	74·45	71·78	71·49	70·12	69·70	69·53	70·03	70·28	70·28	69·87	69·87
19	72·24	74·28	71·78	71·37	70·03	69·70	69·57	70·16	70·28	70·28	69·87	69·87
20	72·62	74·16	71·66	71·28	70·07	69·53	69·53	70·28	70·20	70·28	69·90	69·87
21	72·99	73·99	71·78	71·20	70·03	69·45	69·45	70·28	70·16	70·28	69·90	69·87
22	73·16	73·87	71·87	71·16	69·95	69·45	69·53	70·28	70·12	70·28	69·87	69·87
23	72·28	73·53	71·95	71·20	69·95	69·45	69·62	70·37	70·12	70·28	69·87	70·07
24	73·20	73·37	72·03	71·20	69·78	69·45	69·62	70·53	70·12	70·28	69·95	70·37
25	73·28	73·28	72·12	71·16	69·74	69·45	69·53	70·53	70·12	70·28	70·03	70·78
26	73·28	73·03	72·20	71·07	69·87	69·37	69·49	70·49	70·12	70·28	70·36	71·11
27	73·62	73·03	72·28	71·03	69·78	69·37	69·53	70·32	70·12	70·28	70·70	71·39
28	73·95	72·95	72·28	70·99	69·70	69·37	69·49	70·53	70·07	70·28	70·70	71·41
29	74·20	72·95	72·28	70·95	69·70	69·41	69·53	70·53	70·12	70·20	.....	71·20
30	74·28	72·91	72·28	70·95	69·78	69·32	69·53	70·37	70·20	70·20	.....	70·99
31	.....	72·87	.....	70·87	69·78	.....	69·53	.....	70·20	70·20	.....	70·91

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1870.

TABLE No. 499

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1										69·74	70·57	70·74
2										69·74	70·57	70·57
3										69·82	70·57	70·40
4										69·82	70·57	70·24
5										69·82	70·57	70·07
6										69·82	70·57	69·99
7										69·90	70·57	69·90
8										69·90	70·57	69·82
9										69·90	70·57	69·82
10										69·99	70·40	69·82
11										69·99	70·24	69·82
12										70·07	70·07	69·74
13										70·15	70·07	69·74
14										70·15	70·07	69·74
15										70·24	70·15	69·74
16										70·24	70·15	69·74
17										70·24	70·24	69·74
18										70·24	70·32	69·74
19										70·32	70·40	69·74
20										70·40	70·57	69·65
21										70·40	70·74	69·57
22										70·40	70·82	69·49
23										70·49	70·90	69·49
24										70·57	70·99	69·49
25										70·57	70·90	69·49
26										70·57	70·90	69·49
27										70·57	70·90	69·49
28										70·57	70·82	69·49
29										70·57	.....	69·49
30										70·57	.....	69·49
31										70·57	.....	69·49

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1870–71.

TABLE No. 500.

1	69·49	77·90	72·40	70·15	69·65	68·74	68·32	69·49	69·99	69·74	69·74	69·74
2	69·82	77·82	72·24	70·07	69·57	68·74	68·32	69·49	69·90	69·65	69·82	69·74
3	70·24	77·65	72·15	70·07	69·57	68·74	68·32	69·57	69·90	69·57	69·99	69·74
4	70·65	77·49	71·99	69·99	69·49	68·74	68·32	69·57	69·90	69·49	70·24	69·74
5	71·07	77·40	71·90	69·99	69·49	68·74	68·32	69·65	69·90	69·40	70·40	69·65
6	71·49	77·24	71·82	69·99	69·49	68·74	68·40	69·65	69·90	69·32	70·57	69·65
7	71·90	77·07	71·74	69·99	69·49	68·74	68·32	69·74	69·90	69·32	70·57	69·74
8	72·32	76·90	71·74	69·99	69·40	68·74	68·32	69·82	69·90	69·32	70·65	69·82
9	72·90	76·74	71·65	69·99	69·40	68·74	68·24	69·99	69·82	69·32	70·65	69·90
10	73·49	76·57	71·65	69·99	69·40	68·74	68·24	70·07	69·82	69·32	70·57	70·07
11	74·15	76·40	71·57	69·90	69·40	68·65	68·24	70·24	69·82	69·32	70·57	70·32
12	74·82	76·24	71·57	69·90	69·40	68·65	68·15	70·32	69·82	69·32	70·57	70·65
13	75·15	76·07	71·49	69·90	69·32	68·65	68·15	70·49	69·82	69·32	70·49	71·07
14	75·49	75·90	71·49	69·90	69·32	68·65	68·15	70·57	69·82	69·32	70·49	71·49
15	75·82	75·57	71·40	69·90	69·32	68·65	68·15	70·57	69·82	69·32	70·49	71·82
16	76·15	75·24	71·40	69·90	69·24	68·65	68·07	70·65	69·82	69·32	70·49	71·82
17	76·32	74·99	71·32	69·90	69·24	68·65	68·15	70·65	69·74	69·32	70·24	71·82
18	76·49	74·74	71·24	69·82	69·24	68·65	68·15	70·65	69·74	69·32	70·40	71·82
19	76·74	74·57	71·15	69·82	69·15	68·65	68·32	70·57	69·74	69·32	70·07	71·82
20	76·99	74·40	71·07	69·82	69·15	68·65	68·40	70·57	69·74	69·32	69·90	71·82
21	77·24	74·15	70·99	69·82	69·07	68·65	68·49	70·49	69·74	69·32	69·82	71·82
22	77·40	73·99	70·90	69·82	69·07	68·57	68·57	70·49	69·74	69·40	69·82	71·82
23	77·57	73·74	70·82	69·82	68·99	68·49	68·57	70·40	69·74	69·40	69·82	71·82
24	77·74	73·57	70·74	69·82	68·99	68·49	68·65	70·32	69·74	69·49	69·74	71·65
25	77·82	73·32	70·65	69·82	68·99	68·40	68·82	70·24	69·74	69·49	69·74	71·49
26	77·90	73·15	70·57	69·74	68·90	68·40	68·90	70·15	69·65	69·57	69·65	71·32
27	77·90	72·90	70·49	69·74	68·90	68·32	68·99	70·07	69·65	69·57	69·65	71·24
28	77·90	72·74	70·40	69·74	68·82	68·32	69·15	69·99	69·65	69·65	69·65	71·15
29	77·90	72·65	70·32	69·65	68·82	68·32	69·24	69·99	69·57	69·65	.....	71·07
30	77·90	72·57	70·24	69·65	68·74	68·32	69·32	69·99	69·57	69·74	.....	70·99
31	.....	72·49	.....	69·65	68·74	.....	69·40	.....	69·57	69·74	.....	70·90

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1871–72.

TABLE No. 501.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·90	75·07	73·99	71·57	70·24	68·82	67·99	68·82	68·82	68·65	68·65	69·57
2	70·99	75·32	73·82	71·49	70·15	68·82	67·99	68·82	68·82	68·65	68·65	69·57
3	70·99	75·57	73·90	71·40	70·15	68·74	67·90	68·82	68·82	68·65	68·65	69·57
4	71·07	75·82	73·74	71·32	70·15	68·74	67·99	68·82	68·74	68·65	68·65	69·65
5	71·15	76·07	73·57	71·15	70·07	68·65	67·99	68·82	68·74	68·65	68·74	69·74
6	71·32	76·24	73·40	71·07	70·07	68·65	68·07	68·82	68·74	68·65	68·74	69·90
7	71·49	76·32	73·32	70·99	70·07	68·57	68·07	68·82	68·65	68·65	68·74	70·07
8	71·65	76·40	73·24	70·99	69·99	68·49	68·15	68·82	68·65	68·65	68·82	70·07
9	71·82	76·49	73·15	70·90	69·99	68·49	68·15	68·82	68·65	68·65	68·82	70·07
10	71·99	76·49	73·07	70·90	69·90	68·40	68·24	68·82	68·65	68·65	68·90	70·24
11	72·15	76·40	72·99	70·90	69·90	68·49	68·24	68·82	68·65	68·65	68·90	70·40
12	72·32	76·32	72·90	70·82	69·82	68·32	68·32	68·82	68·57	68·65	68·90	70·57
13	72·49	76·24	72·82	70·82	69·74	68·32	68·32	68·90	68·57	68·65	68·82	70·57
14	72·57	76·15	72·74	70·82	69·65	68·24	68·32	68·90	68·57	68·65	68·82	70·57
15	72·65	76·07	72·65	70·74	69·57	68·24	68·40	68·99	68·57	68·65	68·82	70·40
16	72·74	75·99	72·65	70·74	69·57	68·24	68·40	69·07	68·57	68·65	68·74	70·40
17	72·82	75·82	72·65	70·65	69·49	68·15	68·40	69·15	68·57	68·65	68·74	70·32
18	72·82	75·74	72·57	70·65	69·40	68·15	68·49	69·24	68·57	68·65	68·74	70·32
19	72·90	75·57	72·49	70·57	69·32	68·15	68·49	69·24	68·57	68·65	68·65	70·24
20	72·99	75·49	72·40	70·57	68·32	68·07	68·49	69·32	68·57	68·65	68·65	70·24
21	73·15	75·32	72·40	70·49	69·24	68·07	68·57	69·40	68·57	68·65	68·74	70·15
22	73·40	75·15	72·32	70·49	69·24	68·07	68·57	69·40	68·57	68·65	68·74	70·15
23	73·65	74·99	72·24	70·49	69·15	68·07	68·57	69·49	68·57	68·65	68·74	70·15
24	73·90	74·82	72·24	70·49	69·15	68·07	68·65	69·49	68·65	68·65	68·82	70·07
25	74·15	74·65	72·15	70·40	69·07	67·99	68·65	69·32	68·65	68·65	68·90	70·07
26	74·32	74·57	72·07	70·40	69·07	67·99	68·65	69·24	68·65	68·65	69·07	70·07
27	74·49	74·40	71·99	70·32	68·99	67·99	68·74	69·15	68·65	68·65	69·15	69·99
28	74·65	74·32	71·82	70·32	68·99	67·99	68·74	69·07	68·65	68·65	69·32	69·99
29	74·82	74·24	71·74	70·32	68·90	68·07	68·74	68·99	68·65	68·65	69·49	69·99
30	74·99	74·15	71·65	70·24	68·90	68·07	68·82	68·90	68·65	68·65	.....	69·99
31	.....	74·07	.....	70·24	68·82	.....	68·82	.....	68·65	68·65	.....	69·99

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1872–73.

TABLE No. 502.

1	69·99	72·15	74·74	71·07	70·07	69·24	70·24	70·82	70·99	70·40	71·32	70·57
2	70·07	72·24	74·65	70·99	70·07	69·15	70·24	70·82	70·90	70·49	71·40	70·57
3	70·07	72·57	74·65	70·90	70·07	69·15	70·15	70·82	70·82	70·49	71·49	70·57
4	70·07	72·82	74·57	70·82	70·07	69·15	70·15	70·82	70·74	70·49	71·57	70·57
5	70·15	72·99	74·49	70·82	70·07	69·07	70·24	70·82	70·65	70·57	71·57	70·65
6	70·15	73·15	74·40	70·74	69·90	69·07	70·32	70·82	70·65	70·57	71·49	70·65
7	70·24	73·40	74·32	70·74	69·90	69·15	70·49	70·74	70·65	70·57	71·40	70·65
8	70·24	73·65	74·24	70·65	69·90	69·15	70·65	70·74	70·57	70·65	71·32	70·65
9	70·24	73·82	74·15	70·65	69·82	69·24	70·90	70·74	70·57	70·65	71·24	70·65
10	70·32	74·07	74·07	70·65	69·74	69·24	70·99	70·74	70·57	70·65	71·15	70·65
11	70·32	74·24	73·99	70·57	69·65	69·32	70·99	70·65	70·57	70·65	71·07	70·65
12	70·40	74·40	73·82	70·57	69·57	69·32	70·90	70·65	70·57	70·65	70·99	70·65
13	70·57	74·65	73·74	70·49	69·49	69·40	70·90	70·65	70·57	70·74	70·90	70·65
14	70·74	74·90	73·65	70·49	69·40	69·40	70·82	70·65	70·57	70·74	70·90	70·74
15	70·90	75·07	73·40	70·49	69·40	69·49	70·82	70·65	70·49	70·74	70·82	70·74
16	71·07	75·24	73·40	70·40	69·32	69·49	70·74	70·65	70·49	70·82	70·82	70·74
17	71·24	75·40	73·32	70·40	69·32	69·57	70·74	70·65	70·49	70·82	70·82	70·74
18	71·15	75·57	73·24	70·40	69·32	69·74	70·65	70·65	70·49	70·90	70·82	70·74
19	71·07	75·49	72·99	70·32	69·24	69·90	70·65	70·65	70·49	70·90	70·82	70·74
20	70·99	75·40	72·82	70·32	69·24	70·07	70·74	70·65	70·49	70·90	70·74	70·74
21	71·07	75·32	72·65	70·32	69·24	70·24	70·82	70·57	70·49	70·99	70·74	70·74
22	71·15	75·24	72·49	70·24	69·24	70·32	70·82	70·57	70·49	70·99	70·74	70·74
23	71·24	75·15	72·24	70·24	69·32	70·32	70·90	70·65	70·40	70·99	70·65	70·74
24	71·32	75·07	72·07	70·24	69·40	70·32	70·90	70·74	70·40	70·99	70·65	70·74
25	71·49	74·99	71·90	70·15	69·57	70·32	70·99	70·82	70·40	71·07	70·65	70·74
26	71·57	74·90	71·74	70·15	69·57	70·32	70·99	70·90	70·40	71·07	70·65	70·74
27	71·74	74·82	71·57	70·15	69·49	70·32	70·90	70·90	70·40	71·15	70·65	70·82
28	71·82	74·82	71·49	70·15	69·32	70·32	70·90	70·99	70·40	71·15	70·57	70·82
29	71·99	74·74	71·32	70·07	69·24	70·32	70·90	70·99	70·40	71·15	.....	70·82
30	72·07	74·74	71·15	70·07	69·24	70·32	70·82	71·07	70·40	71·24	.....	70·82
31	.....	74·74	.....	70·07	69·24	.....	70·82	71·07	70·40	71·24	.....	70·82

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1873–74.

TABLE No. 503.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·90	74·07	77·57	73·24	70·74	69·32	69·49	71·32	70·24	69·99	70·57	69·82
2	71·07	74·15	77·57	73·07	70·65	69·32	69·57	71·32	70·24	69·99	70·57	69·90
3	71·24	74·24	77·57	72·90	70·65	69·24	69·82	71·24	70·24	69·99	70·57	69·90
4	71·40	74·32	77·57	72·74	70·57	69·24	70·07	71·24	70·32	69·90	70·57	69·99
5	71·40	74·49	77·49	72·57	70·57	69·24	70·32	71·15	70·40	69·90	70·57	70·07
6	71·49	74·65	77·40	72·40	70·49	69·24	70·57	71·15	70·40	69·99	70·49	70·15
7	71·49	74·82	77·24	72·24	70·49	69·15	70·74	71·07	70·40	69·99	70·49	70·15
8	71·57	74·99	77·07	72·15	70·40	69·15	70·82	71·07	70·40	69·99	70·49	70·25
9	71·57	75·15	76·90	72·07	70·40	69·15	70·90	71·07	70·40	70·07	70·49	70·32
10	71·90	75·32	76·65	71·99	70·32	69·15	70·90	70·99	70·32	70·07	70·40	70·40
11	72·24	75·49	76·49	71·82	70·24	69·07	70·99	70·90	70·32	70·07	70·40	70·40
12	72·57	75·65	76·24	71·74	70·24	69·07	70·99	70·90	70·32	70·07	70·32	70·49
13	72·99	75·90	75·99	71·57	70·15	69·07	71·07	70·82	70·32	70·15	70·32	70·49
14	73·32	76·15	75·74	71·49	70·07	69·07	71·07	70·82	70·32	70·15	70·24	70·57
15	73·65	76·49	75·57	71·40	70·07	69·07	71·07	70·74	70·32	70·24	70·24	70·65
16	73·99	76·82	75·32	71·40	69·99	69·07	71·15	70·74	70·32	70·24	70·15	70·74
17	74·40	76·99	75·07	71·32	69·90	69·07	71·15	70·65	70·24	70·24	70·07	70·74
18	74·49	77·07	74·90	71·32	69·82	69·07	71·15	70·65	70·24	70·32	69·99	70·82
19	74·65	77·15	74·65	71·24	69·82	68·99	71·15	70·57	70·24	70·32	69·90	70·90
20	74·65	77·24	74·49	71·24	69·74	68·99	71·15	70·57	70·24	70·40	69·90	70·99
21	74·65	77·15	74·32	71·15	69·74	68·99	71·24	70·57	70·15	70·40	69·82	71·07
22	74·57	77·05	74·15	71·15	69·65	68·99	71·24	70·49	70·15	70·40	69·74	71·07
23	74·57	76·99	73·99	71·07	69·65	69·07	71·24	70·49	70·15	70·49	69·65	70·99
24	74·49	77·07	73·90	71·07	69·57	69·15	71·24	70·40	70·15	70·49	69·65	70·90
25	74·40	77·07	73·74	70·99	69·57	69·24	71·32	70·40	70·07	70·49	69·74	70·90
26	74·32	77·15	73·65	70·99	69·49	69·24	71·32	70·32	70·07	70·57	69·82	70·82
27	74·24	77·15	73·57	70·90	69·49	69·32	71·32	70·32	70·07	70·57	69·82	70·74
28	74·15	77·24	73·49	70·90	69·40	69·32	71·32	70·32	70·07	70·57	69·82	70·74
29	74·07	77·24	73·40	70·82	69·40	69·40	71·32	70·24	70·07	70·57	.....	70·65
30	74·07	77·32	73·32	70·82	69·32	69·40	71·32	70·24	69·99	70·57	.....	70·57
31	.....	77·40	.....	70·74	69·32	.....	71·32	.....	69·99	70·57	.....	70·57

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1874–75.

TABLE No. 504.

1	70·57	70·99	75·99	74·57	70·65	68·99	68·32	68·40	68·57	69·32	69·07	70·99
2	70·49	70·99	75·90	74·24	70·57	68·99	68·24	68·40	68·65	69·32	68·90	70·65
3	70·40	70·90	75·90	73·99	70·57	68·90	68·24	68·40	68·65	69·07	68·74	70·99
4	70·40	70·82	75·82	73·74	70·49	68·90	68·24	68·40	68·65	68·99	68·57	70·57
5	70·32	70·82	75·82	73·65	70·40	68·82	68·24	68·40	68·65	69·15	68·74	70·57
6	70·24	70·99	75·74	73·49	70·40	68·82	68·32	68·40	68·74	68·99	68·90	70·99
7	70·15	71·15	75·74	73·40	70·32	68·82	68·32	68·40	68·74	68·90	69·07	71·07
8	70·07	71·40	75·65	73·24	70·32	68·74	68·40	68·40	68·74	68·74	69·32	71·15
9	69·99	71·57	75·57	73·15	70·24	68·74	68·49	68·40	68·74	68·65	69·65	70·99
10	69·99	71·82	75·49	72·99	70·15	68·74	68·49	68·40	68·74	68·65	70·07	70·90
11	69·99	71·99	75·40	72·90	70·07	68·65	68·40	68·49	68·82	68·74	70·40	70·65
12	70·07	72·24	75·32	72·74	69·99	68·65	68·40	68·49	68·82	68·65	70·57	70·57
13	70·15	72·49	75·24	72·65	69·90	68·57	68·40	68·49	68·82	68·74	70·65	70·07
14	70·24	72·74	75·15	72·49	69·82	68·58	68·40	68·49	68·82	68·82	70·99	69·99
15	70·40	72·99	75·07	72·40	69·74	68·49	68·40	68·49	68·82	68·82	71·07	69·82
16	70·57	73·32	74·99	72·24	69·65	68·57	68·49	68·49	68·90	68·74	71·07	69·74
17	70·65	73·65	74·90	72·15	69·65	68·49	68·32	68·49	68·90	68·82	70·99	69·74
18	70·65	74·07	74·82	71·99	69·57	68·49	68·32	68·57	68·90	68·90	71·07	69·74
19	70·74	74·40	74·74	71·90	69·57	68·49	68·32	68·57	68·90	68·99	71·07	69·82
20	70·82	74·74	74·74	71·74	69·49	68·49	68·32	68·57	68·90	69·15	71·15	69·82
21	70·90	74·99	74·82	71·57	69·49	68·40	68·32	68·57	68·99	69·24	71·07	69·90
22	70·99	75·24	74·82	71·49	69·40	68·40	68·32	68·57	68·99	69·07	71·15	70·07
23	71·07	75·49	74·90	71·32	69·40	68·40	68·32	68·57	68·99	68·99	71·07	69·90
24	71·15	75·65	74·99	71·24	69·32	68·40	68·32	68·57	68·99	68·90	71·07	69·99
25	71·24	75·82	75·05	71·07	69·24	68·32	68·32	68·57	68·74	68·99	70·90	69·99
26	71·32	75·99	75·15	70·99	69·24	68·32	68·32	68·57	68·65	68·90	70·90	69·90
27	71·32	75·99	75·15	70·90	69·15	68·32	68·32	68·57	68·57	68·99	70·74	69·82
28	71·40	75·99	75·07	70·82	69·15	68·32	68·32	68·57	68·57	69·07	70·65	69·74
29	71·40	75·90	74·99	70·82	69·07	68·32	68·32	68·57	68·57	69·15	.....	69·57
30	71·49	75·90	74·82	70·74	69·07	68·32	68·32	68·57	68·57	69·24	.....	69·57
31	.....	75·99	.....	70·74	68·99	.....	68·32	.....	68·57	69·15	.....	69·65

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1875–76.

TABLE No. 505.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	72·99	76·90	72·90	71·57	70·65	69·90	70·65	70·90	70·15	71·32	71·32
2	.....	72·82	76·74	72·74	71·45	70·57	69·90	70·65	70·65	70·24	71·32	71·32
3	.....	72·65	76·57	72·65	71·40	70·49	69·90	70·65	70·65	70·32	71·32	71·32
4	.....	73·74	75·24	72·57	71·32	70·40	69·99	70·65	70·65	70·57	71·32	71·32
5	.....	73·99	76·07	72·49	71·15	70·40	70·07	70·65	70·57	70·74	71·49	71·49
6	.....	73·90	75·90	72·40	70·99	70·40	70·07	70·74	70·57	70·74	71·65	71·65
7	.....	74·24	75·65	72·40	71·07	70·32	70·24	70·74	70·57	70·74	71·57	71·57
8	.....	74·57	75·40	72·40	70·99	70·24	70·07	70·82	70·57	70·74	71·40	71·40
9	.....	74·74	75·24	72·32	70·90	70·24	70·07	70·82	70·57	70·82	71·32	71·32
10	.....	74·90	75·07	72·24	70·90	70·32	70·07	70·90	70·49	70·74	71·49	71·49
11	.....	75·65	74·82	72·15	70·82	70·32	70·15	70·99	70·40	70·90	71·57	71·57
12	.....	75·99	74·65	72·07	70·74	70·24	70·15	70·82	70·40	71·49	71·49	71·49
13	.....	76·49	74·40	71·90	70·74	70·24	70·15	70·82	70·40	71·57	71·57	71·57
14	.....	76·90	74·40	71·82	70·82	70·24	70·24	70·82	70·32	71·49	71·65	71·65
15	.....	77·32	74·15	71·82	70·82	70·24	70·24	70·74	70·24	71·40	71·82	71·82
16	.....	77·65	73·90	71·82	70·74	70·24	70·40	70·74	70·32	71·24	71·65	71·65
17	.....	78·07	73·90	71·82	70·99	70·49	70·40	70·99	70·57	71·15	71·65	71·65
18	.....	78·40	73·82	71·74	71·24	70·40	70·40	70·90	70·49	71·15	71·65	71·65
19	.....	78·57	73·82	71·65	71·24	70·32	70·49	70·99	70·40	71·15	71·65	71·65
20	.....	78·74	73·57	71·65	71·24	70·32	70·49	70·65	70·49	71·32	71·74	71·74
21	.....	78·74	73·49	71·57	71·24	70·32	70·40	70·74	70·57	71·32	71·74	71·74
22	.....	78·65	73·32	71·49	71·24	70·24	70·49	70·65	70·65	71·32	71·65	71·65
23	.....	78·40	73·24	71·49	71·15	70·24	70·49	70·57	70·40	71·32	71·74	71·74
24	.....	78·24	73·07	71·49	71·15	70·15	70·49	70·57	70·32	71·40	71·82	71·82
25	.....	78·15	73·07	71·49	71·07	70·07	70·49	70·57	70·32	71·49	71·99	71·99
26	.....	78·07	72·90	71·57	71·07	69·99	70·24	70·57	70·40	71·40	72·33	72·32
27	.....	77·90	72·99	71·49	70·99	69·99	70·49	70·57	70·49	71·40	72·49	72·49
28	.....	77·74	72·90	71·49	70·99	69·99	70·49	70·57	70·40	71·49	72·49	72·49
29	.....	77·74	72·90	71·57	70·90	69·82	70·49	70·57	70·32	71·49	72·32	72·32
30	.....	77·49	72·90	71·65	70·82	69·90	70·49	70·65	70·32	71·40	.....	72·24
31	.....	77·32	.....	71·57	70·74	.....	70·65	.....	70·32	71·32	.....	72·15

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1876–77.

TABLE No. 506.

1	72·07	76·82	78·99	74·99	71·65	70·07	.....	70·15	70·90	70·74	70·57	69·74
2	71·99	76·49	78·74	74·90	71·57	70·07	.....	70·32	70·99	70·57	70·40	69·74
3	71·90	76·49	78·57	74·74	71·49	70·07	.....	70·49	70·82	70·57	70·15	69·74
4	71·82	76·57	78·24	74·49	71·40	69·99	.....	70·49	70·65	70·57	70·07	69·74
5	71·82	76·74	78·07	74·40	71·49	69·99	.....	70·49	70·57	70·74	69·90	69·65
6	71·82	77·40	77·82	74·32	71·32	69·74	.....	70·49	70·57	70·90	69·82	69·65
7	71·90	77·59	77·49	74·32	71·32	69·74	.....	70·57	70·57	70·90	69·82	69·65
8	72 07	77·99	77·24	74·32	71·32	69·74	.....	70·65	70·49	70·99	69·74	69·65
9	72·15	78·32	77·07	74·40	71·24	69·74	.....	70·74	70·49	70·90	69·74	69·65
10	72·07	78·82	76·82	74·32	71·15	69·74	.....	70·82	70·57	70·74	69·74	69·57
11	72·07	79·32	76·74	74·24	71·15	69·65	.....	70·82	70·74	70·65	69·74	69·57
12	72·07	79·82	76·65	74·15	71·07	69·57	.....	70·99	70·74	70·49	69·65	69·57
13	72·15	80·15	76·49	73·90	70·99	69·65	.....	71·07	70·65	70·40	69·65	69·57
14	72·40	80·40	76·49	73·82	70·90	69·65	.....	71·15	7 ·49	70·49	69·57	69·65
15	72·90	80·74	76·49	73·65	70·82	69·49	.....	71·07	70·49	70·32	69·57	69·65
16	73·57	80·74	76·49	73·57	70·82	69·57	.....	71·07	70·49	70·40	69·82	69·65
17	74·07	80·74	76·57	73·32	70·74	69·65	.....	71·07	70·57	70·57	69·74	69·65
18	74·32	80·74	76·57	73·15	70·65	69·49	.....	71·15	70·57	70·57	69·65	69·65
19	74·57	80·74	76·49	72·90	70·49	69·65	.....	71·07	70·57	70·57	69·65	69·65
20	74·57	80·57	76·49	72·82	70·49	69·65	.....	71·07	70·49	70·74	69·74	69·65
21	74·57	80·57	76·49	72·65	70·57	69·57	.....	71·07	70·57	70·65	69·90	69·57
22	74·82	80·49	76·40	72·57	70·49	69·57	.....	71·07	70·57	70·49	69·90	69·57
23	75·15	80·40	76·32	72·57	70·49	69·57	.....	70·99	70·57	70·40	69·82	69·57
24	75·32	80·32	76·15	72·40	70·40	69·57	.....	71·07	70·49	70·40	69·82	69·57
25	75·49	89·32	75·99	72·40	70·32	69·57	.....	70·90	70·57	70·49	69·82	69·65
26	75·57	80·07	75·90	72·24	70·24	69·65	.....	70·99	70·57	70·57	69·74	69·74
27	75·82	79·90	75·65	72·15	70·32	69·65	.....	70·90	70·65	70·74	69·74	69·82
28	76·24	79·74	75·49	71·99	70·32	69·65	.....	70·90	70·82	70·74	69·74	69·90
29	76·24	79·74	75·32	71·99	70·07	69·70	.....	70·99	70·82	70·74	.....	69·99
30	76·57	79·40	75·32	71·90	70·07	69·70	.....	70·90	70·82	70·65	.....	70·07
31	.....	79·24	....	71·83	70·07	.....	.....	.....	70·82	70·57	.....	70·07

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1877–78.

TABLE No. 507.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·15	73·82	72·40	71·24	70·57	69·99	69·15	69·82	71·65	70·90	70·15	69·57
2	70·15	73·74	72·32	71·24	70·57	69·99	69·15	69·90	71·65	70·90	70·24	69·57
3	70·57	73·74	72·32	71·24	70·57	69·90	69·15	69·99	71·65	70·90	70·24	69·57
4	70·90	73·57	72·24	71·24	70·57	69·82	69·24	70·07	71·65	70·74	70·15	69·57
5	71·07	73·57	72·07	71·24	70·49	69·65	69·32	70·24	71·65	70·65	70·07	69·57
6	71·15	73·57	71·90	71·24	70·40	69·74	69·32	70·24	71·65	70·57	69·90	69·57
7	71·24	73·57	71·82	71·24	70·32	69·82	69·32	70·32	71·65	70·57	69·90	69·57
8	71·49	73·40	71·74	71·24	70·32	69·82	69·32	70·24	71·65	70·49	69·82	69·57
9	71·49	73·32	71·74	71·24	70·40	69·82	69·40	70·49	71·65	70·57	69·82	69·82
10	71·57	73·32	71·74	71·24	70·40	69·82	69·49	70·65	71·99	70·57	69·82	70·24
11	71·57	73·07	71·65	71·15	70·32	69·74	69·57	70·74	71·99	70·57	69·82	70·40
12	71·57	72·99	71·57	71·15	70·32	69·74	69·65	70·74	71·74	70·57	69·82	70·57
13	71·74	72·99	71·57	70·99	70·24	69·65	69·65	70·65	71·49	70·57	69·82	70·65
14	71·74	72·90	71·57	70·90	70·15	69·65	69·65	70·57	71·57	70·57	69·82	70·57
15	71·74	72·74	71·57	70·90	70·07	69·65	69·74	70·57	71·74	70·57	69·82	70·57
16	71·74	72·57	71·57	70·90	70·07	69·57	69·82	70·57	71·65	70·57	69·74	70·57
17	71·82	72·57	71·49	70·90	70·07	69·49	69·90	70·57	71·57	70·57	69·74	70·57
18	71·82	72·49	71·49	70·90	70·07	69·49	69·90	70·65	71·49	70·57	69·57	70·74
19	71·82	72·40	71·49	70·90	70·15	69·40	69·99	70·74	71·32	70·57	69·65	70·90
20	72·07	72·40	71·49	70·90	70·24	69·32	70·07	70·82	71·32	70·65	69·65	70·82
21	72·49	72·40	71·49	70·90	70·24	69·32	70·15	70·82	71·32	70·49	69·65	70·82
22	72·65	72·65	71·40	70·82	70·24	69·32	70·15	70·90	71·32	70·57	69·65	70·74
23	72·82	72·65	71·40	70·74	70·24	69·15	70·15	70·99	71·32	70·49	69·65	70·74
24	72·90	72·65	71·40	70·65	70·15	69·07	70·15	71·07	71·15	70·40	69·65	70·74
25	72·90	72·65	71·40	70·65	70·07	69·07	70·32	71·15	71·15	70·49	69·57	70·74
26	73·15	72·65	71·40	70·65	70·07	69·07	70·24	71·32	71·07	70·32	69·57	70·65
27	73·40	72·65	71·40	70·65	70·07	69·07	70·15	71·40	71·07	70·24	69·57	70·57
28	73·49	72·57	71·32	70·74	69·99	69·07	70·15	71·57	71·07	70·24	69·57	70·40
29	73·57	72·57	71·32	70·65	69·99	69·15	70·15	71·65	70·90	70·24	.....	70·40
30	73·57	72·57	71·32	70·65	69·99	69·15	70·15	71·65	70·90	70·24	.....	70·49
31	.....	72·40	.....	70·65	69·99	.....	70·15	.....	70·90	70·24	.....	70·49

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1878–79.

TABLE No. 508.

1	70·65	72·82	72·82	71·57	70·49	70·32	71·07	73·65	72·90	73·15	71·49	70·15
2	70·65	72·82	72·82	71·57	70·49	70·15	71·07	73·74	73·07	73·15	71·49	70·32
3	70·65	72·82	72·82	71·57	70·49	70·07	71·07	73·40	73·07	73·15	71·49	70·24
4	70·65	73·24	72·82	71·57	70·49	70·07	71·07	73·40	73·15	72·15	71·40	70·24
5	70·74	72·90	72·74	71·65	70·49	70·07	71·07	73·40	73·15	71·74	71·24	70·99
6	70·82	72·99	72·74	71·65	70·49	70·07	71·07	73·40	73·15	71·74	71·07	70·90
7	70·90	73·07	72·57	71·57	70·49	70·07	71·07	73·40	73·07	71·57	70·90	70·90
8	71·07	73·24	72·57	71·57	70·49	70·07	71·07	73·24	72·82	71·82	71·07	70·99
9	71·15	73·49	72·40	71·49	70·49	69·99	71·07	73·07	72·74	71·99	70·90	70·90
10	71·15	73·49	72·40	71·49	70·49	69·90	71·07	72·99	72·74	71·82	70·82	70·82
11	71·24	73·49	72·40	71·40	70·49	69·82	71·07	72·90	72·90	71·82	70·90	70·74
12	71·49	73·57	72·40	71·32	70·49	69·82	70·99	72·82	73·90	71·90	70·99	70·74
13	71·74	73·65	72·24	71·24	70·57	69·74	70·99	72·82	73·90	71·65	71·07	70·74
14	72·15	73·65	72·15	71·24	70·57	69·74	71·07	72·82	73·90	71·65	71·07	70·74
15	72·15	73·74	72·07	71·15	70·65	69·74	71·07	72·82	73·90	71·65	71·07	70·57
16	72·32	73·74	72·07	71·07	70·65	69·74	71·15	72·82	73·90	71·65	71·15	70·57
17	72·32	73·65	71·99	71·07	70·65	69·82	71·24	72·82	73·90	71·74	71·15	70·65
19	72·49	73·57	71·99	71·07	70·74	69·90	71·40	72·74	73·90	71·82	71·15	70·74
19	72·49	73·32	71·90	71·07	70·74	69·90	71·57	72·65	73·90	71·74	71·07	70·82
20	72·49	73·32	71·82	71·07	70·82	70·07	71·82	72·57	73·90	71·82	71·24	70·74
21	72·49	73·32	71·74	70·99	70·82	70·24	71·82	72·49	73·65	71·65	71·40	70·57
22	72·49	73·24	71·65	70·90	70·74	70·49	71·99	72·40	73·65	71·49	71·49	70·57
23	72·49	73·15	71·65	70·82	70·65	70·82	72·07	72·82	73·40	71·49	71·49	70·57
24	72·49	73·07	71·65	70·74	70·57	70·90	72·40	72·90	73·24	71·49	71·49	70·49
25	72·40	73·07	71·57	70·74	70·57	71·07	72·40	72·99	73·32	71·49	71·40	70·40
26	72·49	73·07	71·57	70·65	70·49	71·07	72·82	73·07	73·07	71·49	71·32	70·32
27	72·49	73·07	71·57	70·65	70·40	71·15	73·07	73·07	73·07	71·40	71·24	70·32
28	72·65	73·07	71·57	70·74	70·32	71·15	73·07	73·24	73·15	71·40	71·15	70·32
29	72·65	73·07	71·57	70·74	70·32	71·07	73·24	73·40	72·90	71·40	.....	70·40
30	72·74	72·99	71·57	70·57	70·32	71·07	73·40	73·40	72·74	71·40	.....	70·49
31	.....	72·99	.....	70·49	70·32	.....	73·40	.....	72·74	71·49	.....	70·57

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1879–80.

TABLE No. 509.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·57	75·07	76·15	72·74	72·07	70·32	70·40	69·74	70·07	71·65	71·07	71·07
2	70·57	75·24	75·90	72·65	71·90	70·24	70·40	69·65	70·15	71·65	71·15	71·32
3	70·65	75·40	75·74	72·57	71·82	70·24	70·40	69·57	70·24	71·57	71·24	71·65
4	70·65	75·57	75·65	72·57	71·74	70·24	70·40	69·57	70·24	71·57	71·32	71·32
5	70·57	75·90	75·57	72·40	71·65	70·24	70·40	69·57	70·24	71·57	71·40	71·40
6	70·57	76·15	74·99	72·24	71·65	70·32	70·32	69·57	70·32	71·49	71·07	71·40
7	70·57	76·24	74·90	72·15	71·40	70·32	70·24	69·57	70·32	71·40	71·07	71·40
8	70·57	76·40	74·90	72·15	71·32	70·32	70·24	69·49	70·57	71·40	71·15	71·40
9	7 ·57	76·40	74·74	72·15	71·24	70·32	70·15	69·49	70·65	71·49	71·24	71·32
10	70·65	76·49	74·65	72·15	71·15	70·32	70·07	69·49	70·24	71·40	71·32	71·32
11	70·74	76·49	74·49	72·07	71·07	70·32	70·07	69·49	70·24	71·32	71·49	71·57
12	70·90	76·57	74·40	72·07	70·99	70·24	70·07	69·49	70·90	71·32	71·57	71·57
13	71·24	76·57	74·32	72·07	70·90	70·24	70·07	69·57	71·07	71·32	71·24	71·57
14	71·40	76·57	73·65	72·07	70·90	70·24	70·07	69·57	71·15	71·40	71·15	71·57
15	71·57	76·65	74·07	72·07	70·90	70·24	70·07	69·57	71·15	71·40	71·07	71·57
16	72·07	76·90	73·90	72·07	70·82	70·24	70·07	69·57	71·24	71·40	70·99	71·57
17	72·40	77·24	73·90	72·07	70·82	70·32	70·07	69·74	71·32	71·24	70·82	71·57
18	72·57	77·74	73·82	72·07	70·82	70·40	70·07	69·74	71·32	71·15	70·74	71·57
19	72·74	78·07	73·82	72·07	70·82	70·40	70·07	69·74	71·32	71·07	71·07	71·32
20	73·07	78·24	73·57	72·07	70·74	70·49	70·07	69·74	71·32	70·90	71·24	71·07
21	73·32	78·40	73·57	72·07	70·74	70·49	70·07	69·82	71·32	70·99	71·32	70·99
22	73·32	78·49	73·57	72·07	70·74	70·49	69·99	69·99	71·32	71·07	71·32	70·90
23	73·40	78·49	73·57	72·07	70·65	70·49	69·99	69·99	71·40	71·24	71·24	7 ·90
24	73·49	78·15	73·49	72·07	70·57	70·57	70·07	70·07	71·49	71·24	71·07	70·90
25	73·49	77·90	73·24	72·07	70·57	70·57	69·90	69·90	71·57	71·24	71·07	70·90
26	73·57	77·57	73·24	72·07	70·57	70·57	69·82	69·90	71·82	71·24	71·15	70·90
27	74·07	76·90	73·24	72·07	70·57	70·57	69·82	69·90	71·82	71·07	71·15	70·90
28	74·07	77·07	73·24	72·07	70·57	70·57	69·82	69·90	71·82	71·07	70·90	70·65
29	74·07	76·90	73·07	72·07	70·57	70·49	69·82	69·90	71·82	71·07	70·90	70·65
30	74·49	76·57	72·90	72·07	70·57	70·49	69·82	69·90	71·65	71·07	.....	70·57
31	.....	76·40	.....	72·07	70·57	.....	69·82	.....	71·65	71·07	.....	70·57

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1880–81.

TABLE No. 510.

1	70·65	75·57	76·99	73·82	71·90	70·49	69·90	71·07	71·82	71·40	70·82	70·49
2	70·74	75·65	76·82	73·57	71·82	70·49	69·90	71·07	71·82	71·32	70·90	70·49
3	70·99	75·65	76·74	73·49	71·74	70·49	69·90	71·07	71·82	71·24	71·07	70·57
4	72·57	75·65	76·57	73·32	71·74	70·49	69·99	71·07	71·82	71·15	71·32	70·57
5	72·90	75·65	76·49	73·15	71·74	70·49	69·99	71·07	71·82	71·07	71·40	70·40
6	73·07	75·65	76·32	73·15	71·74	70·49	70·15	71·07	71·82	71·07	71·24	70·40
7	73·74	75·90	76·24	73·07	71·74	70·49	70·32	71·15	71·74	71·07	71·07	70·40
8	73·74	76·07	76·07	72·99	71·65	70·49	70·40	71·24	71·57	71·07	70·90	70·40
9	73·65	76·15	75·99	72·90	71·57	70·49	70·49	71·32	71·57	71·07	70·57	70·40
10	73·65	76·40	75·90	72·74	71·40	70·49	70·15	71·57	71·57	71·07	70·57	70·40
11	73·57	76·74	75·90	72·65	71·24	70·49	70·49	72·07	71·57	70·99	70·40	70·40
12	73·57	76·90	75·82	72·65	71·24	70·49	70·65	72·32	71·40	70·99	70·40	70·32
13	73·49	77·07	75·82	72·57	71·15	70·57	70·74	72·57	71·24	71·07	70·40	70·32
14	73·49	77·32	75·74	72·49	71·15	70·57	70·74	72·82	71·07	70·90	70·49	70·32
15	73·40	77·40	75·74	72·40	71·07	70·49	70·74	73·07	71·07	70·90	70·40	70·49
16	73·32	77·49	75·65	72·32	70·99	70·49	70·74	72·24	71·07	70·90	70·32	70·49
17	73·32	77·74	75·49	72·15	70·99	70·24	70·74	73·24	71·07	70·99	70·40	70·57
18	73·32	77·82	75·32	72·07	70·90	70·24	70·74	73·24	71·07	70·99	70·32	70·74
19	73·74	77·90	75·24	71·99	70·74	70·24	70·74	73·07	71·15	70·99	70·24	71·40
20	73·82	77·65	75·15	71·99	70·74	70·24	70·82	72·90	71·24	70·99	70·24	71·40
21	73·90	77·74	74·99	71·99	70·74	70·24	70·90	72·90	71·32	70·90	70·24	71·57
22	74·07	77·74	74·65	71·99	70·74	70·24	70·90	72·90	71·32	70·90	70·24	71·57
23	74·24	77·65	74·57	71·99	70·74	70·15	70·90	73·07	71·32	70·90	70·24	72·40
24	74·49	77·57	74·49	71·99	70·74	69·99	70·90	73·24	71·32	70·90	70·32	73·07
25	74·57	77·49	74·40	71·99	70·74	69·99	70·90	73·32	71·32	70·82	70·49	73·07
26	74·65	77·32	74·24	71·90	70·57	69·99	70·90	72·90	71·32	70·82	70·57	72·90
27	74·99	77·32	74·07	71·90	70·57	69·99	70·99	72·24	71·24	70·74	70·65	71·57
28	75·15	77·24	73·99	71·90	70·57	69·99	70·99	71·99	71·15	70·74	70·49	70·74
29	75·32	77·15	73·99	71·90	70·57	69·99	71·07	71·99	71·24	70·74	.....	70·74
30	75·32	77·15	73·99	71·90	70·49	69·99	71·07	71·82	71·32	70·65	.....	70·74
31	.....	77·15	.....	71·90	70·49	.....	71·07	.....	71·49	70·65	.....	70·90

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1881–82.

TABLE No. 511.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·07	72·99	75·24	71·65	70·57	69·40	.....	69·74	69·99	70·49	70·57	70·24
2	71·07	73·32	74·90	71·65	70·57	69·40	.....	69·74	69·99	70·07	70·57	70·32
3	71·07	73·90	74·82	71·65	70·57	69·40	.....	69·74	69·99	70·40	70·57	71·07
4	71·07	74·07	74·74	71·65	70·57	69·32	.....	69·74	69·99	70·57	70·57	71·74
5	70·99	74·32	74·57	71·57	70·57	69·24	.....	69·74	70·07	70·57	70·57	71·74
6	70·99	74·32	74·32	71·40	70·40	69·24	.....	69·74	70·15	70·65	70·57	71·74
7	70·57	74·32	74·15	71·49	70·40	69·24	.....	69·74	70·15	70·82	70·57	71·82
8	70·49	74·40	74·07	71·40	70·40	69·32	.....	69·82	70·24	70·82	70·57	71·57
9	70·49	74·40	73·99	71·32	70·32	69·15	.....	69·90	70·24	70·65	70·57	71·40
10	70·57	74·40	73·65	71·24	70·24	69·15	.....	70·07	70·24	70·40	70·57	71·40
11	70·82	74·49	73·57	71·15	70·24	69·15	.....	69·99	70·24	70·40	69·90	71·40
12	70·82	74·57	73·24	71·15	70·24	69·07	.....	69·99	70·24	70·24	70·07	71·40
13	70·82	74·65	73·15	71·15	70·24	68·99	.....	70·07	70·32	70·15	70·07	71·32
14	70·82	74·65	73·07	71·07	70·24	68·99	.....	70·24	70·32	70·07	70·07	71·15
15	70·82	74·65	72·99	71·07	70·24	68·99	.....	70·24	70·32	69·82	70·24	70·90
16	70·82	75·24	72·82	70·99	70·24	68·74	.....	70·24	70·32	69·65	70·24	70·90
17	70·82	75·57	72·74	70·99	69·99	68·90	.....	70·24	70·32	69·57	70·40	70·90
18	70·74	75·74	72·57	70·82	69·90	68·90	.....	70·24	70·32	69·90	70·57	70·90
19	70·74	75·90	72·57	70·82	69·90	68·90	.....	70·24	70·32	70·07	70·57	70·90
20	70·74	75·99	72·49	70·82	69·90	68·90	.....	70·32	70·32	70·32	70·57	69·57
21	70·74	76·07	72·40	70·82	69·90	68·82	.....	70·32	70·32	70·57	70·65	69·99
22	70·74	76·07	72·40	70·82	69·90	68·74	.....	70·32	70·32	70·57	70·74	70·40
23	70·82	76·07	72·40	70·82	69·90	68·74	.....	70·24	70·24	70·57	70·74	70·07
24	70·90	75·82	72·32	70·57	69·99	68·74	.....	70·24	70·24	70·40	70·74	70·07
25	70·90	75·74	72·24	70·57	69·74	68·74	.....	70·24	70·07	70·40	70·57	70·07
26	71·24	75·65	71·74	70·57	69·74	68·74	.....	70·15	69·99	70·40	70·57	70·24
27	71·40	75·57	71·74	70·57	69·65	68·74	.....	70·07	69·90	70·40	70·07	70·40
28	71·40	75·49	71·74	70·57	69·65	68·74	.....	70·07	69·90	70·40	70·24	70·57
29	71·07	75·32	71·74	70·57	69·57	68·74	.....	69·99	69·99	70·49	.....	70·57
30	72·07	75·32	71·65	70·57	69·49	68·74	.....	69·99	70·24	70·57	.....	70·65
31	.....	75·24	.....	70·57	69·40	.....	.....	.....	69·65	70·57	.....	70·65

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1882–83.

TABLE No. 512.

1	70·90	73·49	76·24	74·57	72·49	72·07	72·15	71·07	72·07	70·65	70·49	71·07
2	70·90	73·49	76·24	74·40	72·40	71·99	72·07	71·07	71·90	70·57	70·49	71·15
3	70·07	73·49	76·32	74·32	72·32	71·99	72·07	71·15	71·90	70·57	70·57	71·07
4	71·07	73·49	76·32	74·24	72·32	71·90	71·99	71·15	70·57	70·65	70·74	70·99
5	71·24	73·57	76·40	74·24	72·24	71·90	71·82	71·15	71·07	70·57	70·74	70·90
6	71·24	73·57	76·40	74·24	72·15	71·90	71·82	71·15	71·15	70·74	70·90	71·07
7	71·24	73·57	76·40	74·15	71·99	71·90	71·74	71·15	71·15	70·65	70·99	71·07
8	71·40	73·57	76·24	74·07	71·90	71·82	71·65	71·15	71·24	70·65	70·90	71·15
9	71·90	73·65	76·07	73·99	71·90	71·74	71·57	71·15	71·32	70·65	70·90	71·24
10	72·07	73·65	75·99	73·90	71·90	71·74	71·57	71·15	71·24	70·65	70·90	71·32
11	72·07	73·74	75·82	73·90	71·82	71·74	71·49	71·15	71·07	70·65	71·07	71·32
12	72·07	73·82	75·65	73·74	71·74	71·74	71·32	71·15	70·99	70·65	71·07	71·32
13	71·99	73·99	75·57	73·57	71·74	71·65	71·24	71·15	70·99	70·57	71·07	71·40
14	71·90	74·15	75·49	73·57	71·65	71·65	71·24	71·24	70·99	70·65	70·90	71·40
15	71·82	74·32	75·40	73·57	71·57	71·65	71·24	71·32	70·99	70·65	70·90	71·32
16	71·90	74·40	75·32	73·40	71·57	71·65	71·24	71·40	70·99	70·57	70·90	71·24
17	71·90	74·49	75·15	73·24	71·57	71·65	71·15	71·57	70·99	70·57	70·99	71·24
18	71·90	74·57	75·07	73·07	71·65	71·57	71·15	71·74	71·07	70·65	70·90	71·24
19	71·90	74·57	75·07	73·07	71·74	71·57	71·07	71·90	71·07	70·65	70·74	71·24
20	72·40	74·65	75·07	72·99	71·90	71·65	71·07	72·07	71·15	70·65	70·65	71·24
21	72·65	74·82	75·15	72·90	72·07	71·65	71·07	72·15	71·15	70·65	70·90	71·24
22	73·15	74·99	75·15	72·74	72·24	71·74	71·07	72·15	71·24	70·65	70·90	71·24
23	73·15	75·15	75·15	72·65	72·32	71·74	71·07	72·15	71·24	70·90	70·90	71·15
24	73·40	75·32	75·07	72·57	72·32	71·74	71·07	72·15	71·07	71·07	70·82	71·15
25	73·49	75·49	75·07	72·49	72·32	71·74	71·07	72·15	70·99	71·32	70·90	71·15
26	73·49	75·74	74·99	72·40	72·32	71·82	71·07	72·15	70·90	71·15	70·90	71·15
27	73·49	75·82	74·90	72·32	72·32	71·99	71·07	72·15	70·90	71·07	70·90	70·99
28	73·49	75·90	74·90	72·24	72·24	72·07	71·07	71·82	70·82	70·90	70·90	70·99
29	73·40	76·07	74·82	72·32	72·15	72·15	71·07	71·65	70·82	70·82	.....	70·90
30	73·40	76·15	74·65	72·40	72·07	72·24	71·07	71·57	70·65	70·82	.....	70·82
31	.....	76·24	.....	72·49	72·07	72·24	71·07	.....	70·65	70·82	.....	70·74

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1883–84.

TABLE No. 513.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March. .
1	70·57	73·32	75·74	75·07	73·24	71·32	71·07	71·32	73·07	72·40	71·99	72·57
2	70·57	73·24	75·74	75·07	73·07	71·32	71·07	71·32	73·07	72·40	71·65	72·74
3	70·57	73·15	75·65	75·24	73·07	71·24	71·07	71·40	73·15	72·40	71·74	72·74
4	70·57	73·15	75·57	75·40	72·99	71·15	71·07	71·49	73·15	72·40	71·82	72·74
5	70·49	73·40	75·49	75·40	72·90	71·15	71·07	72·40	73·24	72·49	71·90	72·74
6	70·49	73·57	75·40	75·40	72·82	71·07	71·07	72·24	72·74	72·49	71·99	72·74
7	70·49	73·65	75·40	75·24	72·82	70·99	71·07	72·07	72·49	72·57	72·15	72·65
8	70·57	73·74	75·32	75·15	72·82	70·99	70·99	71·99	72·57	72·57	72·15	72·57
9	70·57	73·74	75·15	75·07	72·74	70·99	70·99	71·99	72·65	72·57	72·15	72·57
10	70·90	73·82	75·07	74·99	72·57	70·99	70·99	72·15	72·74	72·57	72·15	72·57
11	71·32	73·90	74·99	74·90	72·57	70·99	70·99	72·24	72·82	72·49	72·15	72·49
12	72·07	73·99	75·07	74·65	72·49	70·99	70·99	72·24	72·82	72·49	72·15	72·49
13	72·49	74·15	75·15	74·57	72·40	71·07	70·99	72·32	72·65	72·49	72·15	72·24
14	73·07	74·40	75·24	74·49	72·40	71·07	70·99	72·32	72·57	72·49	72·15	72·24
15	73·57	74·57	75·15	74·40	72·24	71·07	71·07	72·40	72·57	72·40	72·07	72·24
16	73·90	74·74	75·07	74·24	72·15	71·15	71·07	72·49	72·49	72·40	72·07	72·24
17	74·15	74·74	75·07	74·15	72·15	71·15	71·15	72·49	72·40	72·32	72·07	72·15
18	74·40	74·65	75·07	74·15	71·99	71·15	71·24	72·24	72·15	72·24	72·07	71·99
19	74·57	74·57	75·07	74·32	71·90	71·15	71·32	72·24	72·15	72·15	72·07	71·99
20	74·74	74·57	75·32	74·40	71·90	71·15	71·49	72·15	72·15	72·15	72·15	71·99
21	74·82	74·57	75·40	74·40	71·90	71·07	71·49	72·15	72·15	72·24	72·15	71·82
22	74·65	74·57	75·40	74·32	71·82	71·07	71·49	72·07	72·15	72·24	72·15	71·82
23	74·65	74·65	75·32	74·32	71·82	71·07	71·49	72·15	72·40	72·24	72·24	71·90
24	74·57	74·99	75·24	74·32	71·74	70·99	71·49	72·32	72·49	72·24	72·24	71·90
25	74·32	75·07	75·07	74·15	71·65	70·99	71·49	72·40	72·49	72·15	72·24	72·07
26	74·07	75·15	75·07	74·07	71·57	70·99	71·49	72·49	72·49	72·15	72·40	72·57
27	73·90	75·32	75·07	73·90	71·57	70·90	71·49	72·57	72·32	72·15	72·49	72·82
28	73·74	75·32	75·07	73·82	71·49	70·90	71·49	72·74	72·32	72·07	72·57	72·90
29	73·74	75·40	75·07	73·65	71·49	70·90	71·40	72·90	72·32	72·15	72·57	73·24
30	73·57	75·40	75·07	73·57	71·40	70·99	71·32	72·99	72·32	72·32	.....	73·32
31	.....	75·40	.....	73·40	71·40	.....	71·24	.....	72·40	72·32	.....	74·57

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1884–85.

TABLE No. 514.

1	74·57	75·40	75·49	72·57	71·57	70·65	70·57	71·99	71·65	72·49	.....	72·74
2	74·40	75·57	75·49	72·49	71·57	70·65	70·57	72·07	71·74	72·57	.....	73·24
3	74·24	75·65	75·32	72·40	71·65	70·57	70·65	72·07	71·57	72·65	.....	72·99
4	74·07	75·74	75·15	72·40	71·74	70·57	70·65	72·15	71·57	72·90	.....	72·74
5	73·99	75·90	74·90	72·15	71·90	70·57	70·65	72·07	71·65	73·15	.....	72·65
6	73·82	76·15	74·82	72·07	71·99	70·57	70·65	72·15	71·57	73·24	.....	72·49
7	73·57	76·15	74·74	72·07	72·07	70·57	70·65	72·15	72·24	72·99	.....	72·40
8	73·40	76·40	74·57	72·07	72·07	70·57	70·65	72·07	73·15	72·74	.....	72·32
9	73·40	76·57	74·49	72·07	72·07	70·49	70·65	72·07	73·49	72·57	.....	72·24
10	73·49	76·65	74·40	71·99	72·07	70·49	70·65	72·40	73·57	72·40	.....	72·15
11	73·65	76·74	74·40	71·90	72·07	70·49	70·65	71·99	73·32	72·40	.....	72·15
12	73·90	76·82	74·24	71·82	71·99	70·40	70·74	71·90	73·07	72·40	.....	72·07
13	73·99	76·82	74·15	71·82	71·99	70·40	70·74	71·90	72·99	72·40	.....	72·07
14	73·99	76·82	74·15	71·74	71·90	70·40	70·74	71·82	72·90	72·49	.....	72·15
15	73·99	76·82	74·07	71·74	71·74	70·40	70·82	71·82	72·82	72·57	.....	71·99
16	74·24	76·82	73·99	71·74	71·74	70·32	70·82	71·74	72·65	72·57	.....	71·90
17	74·40	76·82	73·90	71·65	71·65	70·32	70·82	71·82	72·82	72·57	.....	71·74
18	74·49	76·74	73·82	71·57	71·57	70·32	70·82	71·65	72·90	72·49	.....	71·57
19	74·57	76·65	73·65	71·49	71·49	70·32	70·82	71·65	72·74	72·40	.....	71·57
20	74·65	76·65	73·57	71·49	71·40	70·32	70·82	71·65	72·57	72·40	.....	71·57
21	74·82	76·65	73·40	71·49	71·24	70·32	70·82	71·65	72·49	72·40	.....	71·57
22	74·82	76·65	73·32	71·40	71·24	70·32	70·82	71·57	72·40	72·32	.....	71·65
23	74·90	76·65	73·24	71·40	71·15	70·32	70·99	71·65	72·57	72·32	.....	71·74
24	.....	76·57	73·07	71·40	71·07	70·32	70·99	71·74	72·90	72·32	.....	71·74
25	.....	76·49	72·99	71·40	70·99	70·32	71·07	71·90	73·07	72·24	.....	71·74
26	.....	76·32	72·90	71·32	70·99	70·32	71·15	72·07	73·15	72·15	.....	71·65
27	75·24	76·15	72·82	71·40	70·90	70·32	71·24	71·99	72·99	72·07	.....	71·65
28	75·24	76·15	72·82	71·40	70·82	70·40	71·49	71·90	72·65	72·24	.....	71·65
29	75·32	76·07	72·74	71·40	70·74	70·40	71·82	71·90	72·40	72·40	.....	71·65
30	75·32	75·90	72·65	71·40	70·74	70·49	71·90	71·90	72·40	72·24	.....	71·65
31	.....	75·74	.....	71·40	70·74	.....	71·90	.....	72·40	72·24	.....	71·65

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1885–86.

TABLE No. 515.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·65	78·40	76·40	74·49	72·65	71·07	70·74	70·99	71·40	71·07	72·57	73·32
2	71·65	77·90	76·49	74·40	72·57	71·07	70·74	70·99	71·32	71·07	72·57	73·74
3	71·74	77·24	76·57	74·40	72·49	71·07	70·74	70·99	71·57	71·07	72·57	74·07
4	71·82	76·74	74·49	74·24	72·40	71·07	70·74	70·99	71·32	71·07	72·57	74·15
5	71·90	76·49	76·40	74·07	72·40	70·99	70·65	70·99	71·32	71·57	72·57	73·90
6	71·90	76·24	76·32	74·07	72·40	70·99	70·65	71·07	71·40	73·07	72·65	73·57
7	71·90	76·07	76·24	73·90	72·24	70·90	70·57	71·15	71·57	73·40	72·65	73·24
8	71·65	76·15	76·07	73·90	72·24	70·82	70·57	71·24	71·74	73·57	72·82	72·90
9	71·65	76·15	75·90	73·99	72·15	70·82	70·49	71·40	71·90	73·65	72·90	72·74
10	71·74	76·40	75·65	74·07	72·07	70·82	70·49	71·65	71·82	73·49	72·57	72·65
11	71·74	76·65	75·57	73·99	72·07	70·82	70·40	71·82	71·65	73·24	72·15	72·49
12	71·82	76·99	75·32	73·90	71·99	70·82	70·40	71·82	71·57	73·24	72·24	72·49
13	71·90	76·99	75·15	73·82	71·99	70·82	70·32	71·82	71·57	73·24	72·07	72·49
14	71·90	77·07	74·99	73·82	71·90	70·82	70·32	71·82	71·57	73·24	72·07	72·07
15	71·99	77·15	74·90	73·82	71·90	70·82	70·40	71·90	71·49	73·15	72·15	71·90
16	72·07	77·07	74·74	73·82	71·82	70·82	70·40	71·90	71·49	73·15	72·40	71·82
17	72·49	77·07	74·65	73·74	71·74	70·82	70·49	71·90	71·57	73·15	72·24	71·82
18	72·90	77·07	74·57	73·74	71·74	70·82	70·49	71·90	71·57	73·15	72·32	71·82
19	72·90	77·07	74·49	73·74	71·65	70·74	70·65	71·90	71·65	73·07	72·24	71·57
20	74·49	77·07	74·40	73·74	71·57	70·74	70·82	71·99	71·65	72·90	72·32	71·57
21	75·07	77·07	74·40	73·65	71·57	70·74	70·99	71·99	71·65	72·99	72·32	71·57
22	75·82	77·07	74·49	73·65	71·49	70·74	71·15	72·07	71·82	72·99	72·24	71·57
23	76·40	77·07	74·57	73·40	71·49	70·82	71·15	72·07	71·99	72·90	72·40	71·57
24	76·99	77·07	74·57	73·32	71·49	70·82	71·15	71·99	71·99	73·07	72·32	71·57
25	77·07	76·99	74·57	73·24	71·40	70·82	71·07	71·99	72·07	73·24	72·32	71·57
26	77·32	76·99	74·57	73·15	71·40	70·82	70·99	71·90	72·15	73·24	72·49	71·57
27	77·57	76·90	74·57	73·07	71·32	70·74	70·99	71·82	72·15	73·15	72·65	71·57
28	77·82	76·82	74·57	72·99	71·24	70·74	70·99	71·74	72·15	72·99	72·99	71·57
29	78·07	76·74	74·57	72·90	71·15	70·74	70·99	71·57	72·15	72·82	.....	71·57
30	78·24	76·57	74·57	72·82	71·07	70·74	70·99	71·49	72·07	72·65	.....	71·57
31	.....	76·40	.....	72·74	71·07	.....	70·99	.....	71·90	72·57	.....	71·57

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1886–87.

TABLE No. 516.

1	71·74	78·07	74·40	72·99	72·07	70·49	70·82	71·40	71·24	70·74	71·82	71·99
2	72·74	77·99	74·32	72·90	72·07	70·57	70·82	71·40	70·90	70·74	72·07	72·24
3	73·90	77·90	74·07	72·90	71·99	70·65	70·82	71·40	71·07	70·74	72·40	72·24
4	74·15	77·82	73·90	72·90	71·99	70·74	70·90	71·40	71·24	70·65	72·74	72·24
5	74·07	77·65	73·90	72·90	71·90	70·74	70·99	71·32	71·32	70·57	72·90	72·07
6	74·24	77·49	73·82	72·74	71·90	70·74	70·99	71·32	71·32	70·57	72·82	72·24
7	73·82	77·32	73·74	72·57	71·82	70·74	71·07	71·32	71·15	70·65	72·74	72·49
8	73·65	77·15	73·65	72·49	71·74	70·82	71·07	71·32	71·15	70·57	72·90	72·32
9	72·65	76·99	73·57	72·40	71·57	70·82	71·07	71·24	71·07	70·57	73·07	72·32
10	73·49	76·90	73·57	72·40	71·57	70·82	71·07	71·07	71·07	70·57	73·24	72·07
11	73·65	76·74	73·57	72·32	71·57	70·82	71·07	70·99	70·90	70·57	73·40	71·90
12	73·82	76·57	73·57	72·32	71·49	70·74	71·07	70·90	70·82	70·57	73·57	71·74
13	73·90	76·40	73·57	72·24	71·49	70·74	71·07	70·90	70·74	70·74	73·49	72·49
14	74·49	76·24	73·57	72·15	71·40	70·74	71·07	70·90	70·74	70·90	73·40	72·49
15	75·07	76·07	73·57	72·07	71·40	70·57	71·07	70·90	70·74	71·07	73·40	72·40
16	75·40	75·90	73·57	72·07	71·32	70·49	71·07	70·90	70·74	71·24	73·57	71·32
17	74·90	75·74	73·49	72·07	71·24	70·49	71·07	70·90	70·74	71·57	73·24	71·32
18	75·49	75·57	73·49	72·07	71·15	70·49	71·07	70·99	70·74	71·90	72·99	71·24
19	76·74	75·49	73·49	72·07	71·15	70·49	70·99	71·07	70·74	71·82	72·82	71·24
20	77·40	75·40	73·40	72·07	71·07	70·40	70·99	71·15	70·74	71·82	72·57	71·24
21	77·49	75·24	73·32	72·07	71·07	70·40	70·99	71·15	70·74	71·65	72·24	71·24
22	77·74	75·15	73·32	72·07	70·99	70·40	71·07	71·15	70·74	71·57	72·15	71·24
23	78·07	75·07	73·24	72·07	70·99	70·40	71·07	71·15	70·65	71·57	72·07	71·24
24	78·24	74·99	74·24	72·15	70·99	70·49	71·24	71·24	70·74	71·57	71·99	71·24
25	78·24	74·90	74·24	72·15	70·82	70·49	71·32	71·24	70·74	71·57	71·99	71·24
26	78·32	74·82	74·15	72·15	70·82	70·49	71·32	71·24	70·74	71·74	71·99	71·24
27	78·24	74·74	74·15	72·15	70·74	70·40	71·32	71·24	70·74	71·74	71·90	71·24
28	78·24	74·65	74·15	72·15	70·74	70·40	71·40	71·15	70·49	71·74	71·90	71·24
29	78·15	74·49	74·07	72·15	70·57	70·57	71·40	71·15	70·57	71·82	.....	71·24
30	78·15	74·40	74·07	72·07	70·49	70·74	71·40	71·15	70·74	71·90	.....	71·24
31	.....	74·32	.....	72·07	70·40	.....	71·40	.....	70·74	71·82	.....	71·24

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1887–88.

TABLE No. 517.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	76·90	75·32	72·15	71·15	69·74	68·99	69·07	69·32	70·32	72·24	70·40
2	.....	76·90	75·24	72·15	71·15	69·74	68·99	69·07	69·32	70·32	72·07	70·40
3	.....	76·74	75·24	72·07	70·90	69·74	68·99	69·07	69·32	70·24	71·90	70·49
4	.....	76·74	75·24	71·99	70·82	69·74	68·99	69·07	69·32	70·15	71·90	70·57
5	.....	77·15	75·24	71·90	70·74	69·65	68·99	69·07	69·40	70·24	71·90	70·74
6	.....	77·65	75·07	71·82	70·65	69·65	68·99	69·07	69·49	70·32	71·82	70·90
7	.....	77·99	74·82	71·82	70·65	69·65	68·99	69·07	69·65	70·40	71·82	71·07
8	.....	78·24	74·57	71·82	70·65	69·57	68·99	69·07	69·65	70·40	71·65	71·07
9	.....	78·49	74·40	71·82	70·57	69·57	68·99	69·07	69·65	70·40	71·65	71·07
10	.....	78·74	74·32	71·74	70·49	69·49	68·99	69·07	69·74	70·49	71·49	70·90
11	.....	78·82	74·24	71·65	70·49	69·49	68·99	69·07	69·90	70·57	71·99	70·74
12	.....	78·82	74·15	71·65	70·49	69·49	68·99	69·07	70·07	70·57	72·40	70·49
13	.....	78·90	74·07	71·65	70·40	69·32	68·90	69·07	69·99	70·40	72·65	70·57
14	.....	78·90	73·99	71·65	70·40	69·32	68·90	69·07	69·99	70·32	72·65	70·65
15	.....	78·90	73·82	71·65	70·40	69·32	68·90	69·07	69·99	70·24	72·32	70·65
16	.....	78·74	73·74	71·65	70·32	69·32	68·99	69·07	69·99	70·24	72·15	70·57
17	.....	78·57	73·65	71·65	70·32	69·32	68·99	69·07	69·90	70·24	72·07	74·49
18	.....	78·40	73·57	71·65	70·32	69·32	68·99	69·07	69·90	70·24	72·15	70·40
19	.....	78·24	73·40	71·65	70·32	69·24	68·99	69·07	69·90	70·24	72·07	70·40
20	.....	77·90	73·15	71·65	70·24	69·24	68·99	69·07	69·90	70·40	72·07	70·40
21	.....	77·65	73·15	71·65	70·24	69·24	68·99	69·15	69·90	70·57	71·99	70·40
22	.....	77·32	73·07	71·65	70·15	69·15	68·99	69·15	69·74	70·65	71·57	70·32
23	.....	76·99	72·99	71·65	70·15	69·15	68·90	69·15	69·74	70·82	71·40	70·24
24	.....	76·65	72·90	71·57	70·07	69·15	68·90	69·15	69·74	70·82	71·24	70·40
25	.....	76·40	72·90	71·49	70·07	69·07	68·90	69·15	69·74	70·74	71·07	70·49
26	.....	76·24	72·74	71·32	69·99	69·07	68·90	69·15	69·74	70·99	.....	70·49
27	.....	75·99	72·57	71·32	69·99	68·99	68·90	69·24	69·82	71·24	70·49	70·49
28	.....	75·74	72·40	71·32	69·90	68·90	68·99	69·32	69·90	71·49	70·40	70·49
29	.....	75·65	72·32	71·24	69·90	68·90	68·99	69·40	70·15	71·90	70·32	70·57
30	.....	75·57	72·24	71·24	69·82	68·90	68·99	69·32	70·07	72·07	.....	70·65
31	.....	75·49	.....	71·15	69·82	.....	69·07	.....	70·32	72·24	.....	70·82

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1888–89.

TABLE No. 518.

1	70·99	73·40	76·65	74·49	71·49	70·74	70·40	70·15	71·49	71·65	71·49	70·99
2	71·07	73·57	76·57	74·40	71·40	70·74	70·40	70·24	71·49	71·65	71·49	70·99
3	71·15	73·74	76·49	74·32	71·40	70·65	70·40	70·32	71·32	71·57	71·49	70·90
4	71·24	73·82	76·40	74·15	71·32	70·65	70·40	70·49	71·32	71·57	71·49	70·90
5	71·40	73·99	76·40	73·99	71·32	70·57	70·32	70·57	71·32	71·57	71·49	70·82
6	71·49	74·07	76·40	73·82	71·24	70·40	70·32	70·65	71·32	71·57	71·49	70·82
7	71·74	74·15	76·24	73·65	71·15	70·40	70·32	70·74	71·32	71·57	71·49	70·82
8	71·99	74·32	76·07	73·40	71·07	70·40	70·32	70·82	71·32	71·57	71·49	70·82
9	72·24	74·40	75·99	73·32	70·99	70·40	70·24	71·24	71·32	71·57	71·49	70·82
10	72·32	74·49	75·90	73·24	70·99	70·40	70·24	71·57	71·24	71·57	71·49	70·82
11	72·49	74·57	75·74	73·15	70·99	70·40	70·15	72·24	70·99	71·57	71·49	70·82
12	72·74	74·74	75·65	72·99	70·90	70·40	70·07	72·40	71·07	71·57	71·49	70·82
13	72·99	75·32	75·57	72·82	70·82	70·32	70·07	72·65	71·15	71·47	71·49	70·82
14	72·99	75·90	75·49	72·57	70·74	70·24	70·07	72·65	71·24	71·47	71·49	70·74
15	72·90	76·40	75·49	72·49	70·74	70·15	70·15	72·49	71·32	71·47	71·49	70·74
16	72·90	76·90	75·57	72·40	70·74	70·15	70·15	72·40	71·40	71·47	71·49	70·57
17	72·90	77·40	75·65	72·32	70·74	70·24	70·07	72·07	71·49	71·47	71·49	70·40
18	72·90	77·82	75·74	72·24	70·74	70·32	70·07	71·99	71·49	71·47	71·49	70·24
19	72·99	77·90	75·90	72·24	70·74	70·32	70·07	71·74	71·49	71·47	71·49	70·07
20	72·90	78·07	75·82	72·15	70·74	70·40	70·07	71·74	71·40	71·47	71·40	70·07
21	71·57	78·15	75·82	72·15	70·65	70·40	70·07	71·65	71·49	71·47	71·40	70·15
22	71·49	78·15	75·82	72·07	70·74	70·49	69·99	71·65	71·49	71·47	71·32	70·24
23	71·32	78·15	75·65	71·99	70·57	70·57	69·99	71·57	71·49	71·47	71·32	70·57
24	71·65	78·07	75·57	71·90	70·49	70·57	69·99	71·49	71·57	71·47	71·24	70·90
25	72·07	77·99	75·49	71·90	70·40	70·57	70·07	71·49	71·57	71·47	71·24	71·40
26	71·99	77·90	75·40	71·82	70·40	70·57	70·07	71·49	71·65	71·47	71·15	71·99
27	71·82	77·74	75·32	71·82	70·49	70·57	70·07	71·49	71·65	71·47	71·15	71·99
28	72·15	77·40	75·15	71·74	70·49	70·57	70·07	71·49	71·65	71·47	71·07	71·99
29	72·57	77·15	74·99	71·65	70·57	70·57	70·07	71·49	71·74	71·47	.....	71·90
30	72·74	76·99	74·82	71·57	70·57	70·40	70·07	71·40	71·74	71·47	.....	71·82
31	.....	76·99	.....	71·57	70·57	.....	70·07	.....	71·74	71·47	.....	71·82

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1889–90.

TABLE No. 519.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·82	75·24	73·40	.....	72·57	71·24	70·24	70·24	.....	71·82	72·07	73·15
2	71·90	75·40	73·57	.....	72·57	71·24	70·24	70·24	.....	71·90	72·07	73·07
3	71·99	75·57	73·90	.....	72·49	71·24	70·24	70·15	.....	71·99	72·07	72·99
4	71·99	75·57	74·32	.....	72·40	71·15	70·32	70·15	.....	72·07	72·07	72·90
5	71·99	75·65	74·24	.....	72·40	71·15	70·32	70·15	.....	72·24	71·99	72·82
6	71·99	75·65	75·24	.....	72·32	71·07	70·32	70·07	.....	72·32	71·99	72·74
7	71·99	75·57	75·57	.....	72·24	70·99	70·40	70·07	.....	72·49	71·99	72·65
8	71·99	75·57	75·99	.....	72·24	70·99	70·40	69·99	.....	72·40	72·07	72·57
9	71·99	75·32	76·07	.....	72·15	70·99	70·40	69·90	.....	72·40	72·07	72·57
10	71·99	75·24	76·24	.....	72·07	70·90	70·32	69·90	.....	72·49	72·15	72·57
11	72·32	75·07	76·24	.....	71·99	70·74	70·32	69·90	.....	72·57	72·24	72·40
12	72·40	74·99	76·24	.....	71·90	70·74	70·49	69·90	.....	72·65	72·24	72·32
13	72·57	74·90	76·24	.....	71·90	70·74	70·49	69·90	.....	72·74	72·24	72·15
14	72·49	74·82	75·90	.....	71·90	70·65	70·49	69·90	.....	72·82	72·32	71·90
15	72·49	74·74	75·74	.....	71·90	70·65	70·49	69·90	.....	72·90	72·32	71·65
16	72·32	74·57	75·57	.....	71·74	70·65	70·49	69·99	.....	72·90	72·24	71·57
17	72·24	74·40	75·49	.....	71·74	70·57	70·40	69·99	.....	72·90	72·24	71·57
18	72·24	74·32	75·32	.....	71·74	70·57	70·40	69·99	.....	72·90	72·15	71·57
19	72·40	74·32	75·24	.....	71·65	70·57	70·40	70·07	.....	72·90	72·15	71·57
20	72·57	74·24	75·15	.....	71·65	70·57	70·32	70·07	.....	72·90	72·15	71·57
21	72·74	74·15	74·99	.....	71·65	70·49	70·32	70·24	.....	72·90	72·15	71·57
22	72·90	74·07	74·90	.....	71·65	70·49	70·32	70·49	.....	72·90	72·15	71·57
23	72·99	73·82	74·82	.....	71·65	70·40	70·32	70·49	.....	72·90	72·24	71·57
24	73·24	73·65	74·74	.....	71·65	70·40	70·32	70·57	.....	72·90	72·32	71·57
25	73·40	73·57	74·74	.....	71·57	70·40	70·24	70·57	.....	72·99	72·49	71·57
26	73·57	73·40	74·74	.....	71·57	70·32	70·15	70·65	.....	72·90	72·90	71·49
27	73·99	73·40	74·74	.....	71·57	70·24	70·15	70·74	.....	72·74	73·07	71·49
28	74·24	73·40	74·74	.....	71·49	70·24	70·15	70·74	.....	72·57	73·15	71·49
29	74·65	73·40	74·74	.....	71·24	70·24	70·24	70·82	.....	72·40	.....	71·49
30	75·15	73·32	74·65	.....	71·32	70·24	70·24	70·90	.....	72·24	.....	71·49
31	.....	73·32	.....	.....	71·32	.....	70·24	.....	.....	72·07	.....	71·49

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1890–91.

TABLE No. 520

1	71·49	75·15	.....	75·15	72·32	71·90	71·15	70·90	70·57	69·57	70·24	71·15
2	71·57	75·40	.....	74·99	72·24	71·90	71·15	70·90	70·65	71·07	70·15	71·24
3	71·82	75·57	.....	74·99	72·24	71·90	71·15	70·82	70·74	70·57	69·99	71·32
4	72·15	75·65	.....	74·82	72·15	71·99	71·15	70·82	70·82	70·57	70·15	71·40
5	72·32	75·74	.....	74·65	72·15	71·99	71·15	70·82	70·82	70·57	70·40	71·40
6	72·49	75·90	.....	74·57	72·15	71·99	71·15	70·65	70·57	70·57	70·57	71·57
7	72·65	76·07	.....	74·49	72·15	71·99	71·15	70·65	69·99	70·82	70·74	71·57
8	72·99	76·32	.....	74·32	72·15	71·99	71·15	70·74	69·99	70·82	70·82	71·49
9	72·99	76·32	.....	74·15	72·15	71·99	71·15	70·82	70·49	70·74	70·74	71·15
10	73·49	76·40	.....	73·99	72·07	71·99	71·15	70·90	70·57	70·82	70·65	.....
11	73·57	76·40	.....	73·99	72·07	72·07	71·15	70·99	70·40	70·82	70·74	71·49
12	73·99	76·40	.....	73·90	71·99	72·07	71·07	70·99	70·32	70·82	70·74	71·57
13	74·07	76·49	.....	73·82	71·99	72·15	71·07	70·99	70·24	70·82	70·82	71·74
14	74·57	76·49	.....	73·65	71·90	72·15	70·99	70·90	70·24	70·74	70·82	71·82
15	74·57	76·40	.....	73·65	71·90	72·15	70·99	70·90	70·32	70·82	70·90	71·99
16	75·07	76·32	.....	73·57	71·82	72·07	70·99	70·90	70·40	70·82	70·90	71·74
17	75·15	76·24	.....	73·49	71·82	71·99	70·99	70·90	70·49	70·57	70·82	72·15
18	75·15	76·15	.....	73·40	71·82	71·90	70·99	70·99	71·40	70·74	70·82	72·07
19	75·07	76·07	.....	73·32	71·82	71·74	70·99	70·99	71·49	70·82	70·74	71·99
20	75·07	76·15	.....	73·15	71·82	71·74	70·99	71·07	70·65	70·82	70·74	71·82
21	74·99	76·32	.....	72·99	71·74	71·65	71·07	71·07	70·74	70·82	70·65	71·82
22	74·90	76·49	.....	72·90	71·74	71·65	71·07	71·07	70·82	70·74	70·82	71·82
23	74·90	76·57	.....	72·82	71·74	71·57	70·99	70·99	70·90	70·65	70·82	71·90
24	74·90	76·57	.....	72·74	71·82	71·49	70·99	70·90	70·90	70·65	70·82	72·40
25	74·90	76·57	.....	72·65	71·82	71·40	70·99	70·90	70·90	70·40	70·82	73·15
26	74·90	76·57	.....	72·65	71·90	71·32	70·99	70·74	70·90	70·24	70·82	73·74
27	74·99	76·57	.....	72·65	71·90	71·32	70·99	70·74	70·82	70·32	71·07	73·82
28	75·07	76·65	.....	72·57	71·90	71·24	70·99	70·65	70·74	70·40	71·07	73·82
29	75·15	76·82	.....	72·57	71·90	71·24	70·99	70·49	70·65	70·40	.....	73·82
30	75·15	76·82	.....	72·49	71·90	71·15	70·90	70·49	70·65	70·40	.....	73·90
31	.....	76·99	.....	72·49	71·90	.....	70·90	.....	70·65	70·40	.....	74·15

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1891–92.

TABLE No. 521.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	74·32	77·24	74·40	71·74	72·24	71·57	.....	70·40	72·82	71·90	.....	69·49
2	74·40	77·24	74·24	71·74	72·24	71·57	.....	70·40	73·07	71·90	.....	69·49
3	74·32	77·24	74·15	71·74	72·24	71·57	.....	70·32	72·99	71·82	.....	69·40
4	74·15	77·24	73·99	71·65	72·32	71·57	.....	70·32	72·82	71·82	.....	69·40
5	73·90	77·24	73·82	71·65	72·32	71·57	.....	70·32	72·82	71·74	.....	69·40
6	73·82	77·15	73·74	71·65	72·32	71·57	.....	70·32	72·90	71·74	.....	69·32
7	73·57	77·15	73·65	71·65	72·32	71·57	.....	70·32	72·90	71·74	.....	69·24
8	73·40	77·15	73·57	71·57	72·24	71·49	.....	70·24	72·82	71·74	.....	69·07
9	73·32	77·07	73·40	71·49	72·24	71·40	.....	70·32	72·65	71·65	.....	68 99
10	73·32	77·07	73·24	71·49	72·15	71·40	.....	70·15	72·90	71·57	.....	68·99
11	73·32	76·99	73·15	71·49	72·07	71·40	.....	70·07	72·90	71·74	.....	68·90
12	73·57	76·90	73·07	71·49	71·99	71·40	.....	69·99	72·82	71·65	.....	68·90
13	73·90	76·82	72·90	71·40	71·90	71·40	.....	69·99	72·74	71·57	.....	69·24
14	73·99	76·57	72·74	71·40	71·90	71·40	.....	69·99	72·82	71·57	.....	69·49
15	74·24	76·49	72·65	71·40	71·82	71·40	.....	69·99	72·90	71·49	.....	69·82
16	74·32	76·40	72·65	71·32	71·74	71·32	.....	69·99	72·99	71·40	.....	69·99
17	74·40	76·32	72·57	71·32	71·65	71·24	.....	70·07	73·15	71·40	.....	69 90
18	74·57	76·24	72·49	71·40	71·65	71·24	.....	70·15	73·32	71·40	.....	69·82
19	74·90	76·07	72·40	71·40	71·57	71·32	.....	70·24	73·40	71·40	.....	69·40
20	75·24	75·99	72·32	71·49	71·49	71·24	.....	70·40	73·24	71·40	.....	69·24
21	75·57	75·90	72·32	71·57	71·40	71·32	.....	70·57	73·07	71·40	.....	69·07
22	75·74	75·90	72·32	71·65	71·40	71·07	.....	70·82	72·57	71·40	.....	68·99
23	75·99	75·74	72·32	71·82	71·40	71·07	.....	70·99	71·99	71·40	.....	68·90
24	76·32	75·57	72·32	71·90	71·57	70·99	.....	71·24	72·07	71·40	.....	68·90
25	76·57	75·40	72·24	71·99	71·57	70·99	.....	71·57	71·90	71·40	.....	68·90
26	76·82	75·24	72·15	72·07	71·65	70·82	.....	72·01	71·82	71·40	.....	68·82
27	76·99	75·15	72·07	72·15	71·65	70·82	.....	72·32	71·82	71·24	.....	68·82
28	77·07	74·99	71·99	72·24	71·65	70·82	.....	72·49	71·90	71·15	.....	68·82
29	77·15	74·82	71·90	72·24	71·65	70·82	.....	72·49	71·90	71·07	.....	68·82
30	77·24	74·74	71·74	72·24	71·65	70·65	.....	72·57	71·90	71·07	.....	68·82
31	.....	74·57	.....	72·24	71·65	.....	.....	.....	71·90	70·99	.....	68·82

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1892–93.

TABLE No. 522.

1	69·82	72·32	72·99	73·99	71·32	70·99	70·82	70·32	72·07	.....	70·40	69·99
2	70·82	72·24	72·90	73·99	71·34	70·99	70·82	70·32	71·90	.....	.....	70·07
3	71·82	72·24	72·90	73·90	71·34	70·90	70·57	70·32	71·99	.....	70·57	70·07
4	72·99	72·15	72·90	73·82	71·34	70·82	70·65	70·40	71·99	.....	70·57	70·15
5	73·32	72·07	72·99	73·82	71·15	70·74	70·74	70·40	71·90	.....	70·65	70·15
6	73·57	73·07	72·99	73·65	71·15	70·65	70·82	70·40	71·99	.....	70·74	70·15
7	74·24	73·07	73·07	73·49	71·15	70·57	70·57	70·40	71·99	.....	70·74	70·24
8	74·40	72·99	73·07	73·40	71·07	70·57	70·57	70·57	71·74	.....	70·74	70·24
9	74·40	72·90	73·07	73·07	71·07	70·57	70·57	70·57	71·74	.....	70·82	70·24
10	74·40	72·99	73·07	72·90	70·99	70·57	70·57	70·57	71·65	.....	70·90	70·24
11	74·24	72·99	73·07	72·82	70·99	70·49	70·57	70·57	71·65	.....	70·90	70·24
12	74·40	73·07	72·99	72·65	71·24	70·40	70·57	70·57	71·74	.....	70·90	69·90
13	73·57	73·07	72·90	72·57	71·24	70·32	70·57	70·57	71·65	.....	70·90	69·90
14	73·40	73·07	72·90	72·32	71·24	70·32	70·57	70·57	71·57	.....	70·90	69·90
15	73·24	73·07	72·90	72·32	71·24	70·32	70·57	70·57	71·57	.....	70·74	69·90
16	72·99	73·07	72·90	72·24	71·24	70·32	70·57	70·57	71·32	.....	70·82	69·99
17	72·82	72·99	72·90	72·07	71·24	70·32	70·49	70·57	71·32	.....	70·57	69·99
18	72·57	72·99	72·99	71·90	71·24	70·32	70·49	71·40	71·40	.....	70·49	70·07
19	72·49	72·90	72·99	71·74	71·24	70·32	70·49	71·49	71·40	.....	70·32	70·07
20	72·32	72·90	72·99	71·65	71·24	70·32	70·40	71·90	71·49	.....	70·15	70·07
21	72·15	72·90	73·74	71·65	71·24	70·32	70·40	71·90	71·57	.....	70·07	70·07
22	72·07	72·99	73·82	71·65	71·24	70·40	70·40	72·07	71·65	.....	69·90	70·07
23	72·07	73·07	73·82	71·57	71·24	70·57	70·32	72·24	71·74	.....	70·07	70·07
24	72·07	73·07	73·82	71·57	71·24	70·57	70·24	72·40	71·82	.....	70·15	70·07
25	72·07	73·07	73·74	71·57	71·24	70·57	70·24	72·24	72·15	.....	70·24	70·07
26	72·07	73·07	73·74	71·49	71·32	70·57	70·24	72·15	71·99	.....	70·15	70·15
27	72·07	73·07	73·82	71·49	71·32	70·57	70·15	72·15	72·07	.....	70·07	70·24
28	72·07	73·07	73·99	71·40	71·32	70·57	70·15	72·15	72·15	.....	69·99	70·32
29	72·15	72·99	74·07	71·40	71·32	70·74	70·24	72·15	72·24	.....	.....	70·49
30	72·24	72·99	74·07	71·40	71·24	70·82	70·24	71·99	72·40	.....	.....	70·57
31	.....	72·99	.....	71·32	71·15	.....	70·32	.....	72·40	.....	.....	70·57

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1893–94.

TABLE No. 523.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·57	73·49	77·57	73·99	71·82	71·99	.....	71·07	70·65	70·74	71·15	71·07
2	70·57	73·49	77·32	73·90	71·82	71·82	.....	71·07	70·74	70·82	71·15	70·90
3	70·99	73·74	77·15	73·82	71·74	71·57	.....	70·99	70·74	70·90	71·24	70·74
4	71·07	73·90	77·07	73·74	71·74	71·49	.....	70·99	70·65	70·90	71·24	.....
5	71·15	74·57	76·99	73·32	71·74	71·24	.....	70·99	70·57	70·90	71·32	71·49
6	71·24	75·90	76·90	73·32	71·74	71·07	.....	70·99	70·57	70·90	71·15	71·49
7	71·57	76·24	76·82	73·24	71·74	70·99	.....	70·99	70·49	70·90	70·99	.....
8	71·65	76·40	76·74	73·24	71·74	70·99	.....	70·99	70·40	70·90	70·90	.....
9	71·90	76·57	76·74	73·15	71·74	70·90	.....	70·99	70·32	70·90	70·74	71·57
10	71·99	76·57	76·74	73·15	71·65	70·82	.....	70·99	70·32	70·99	70·57	71·82
11	72·15	76·57	76·65	73·07	71·65	70·82	.....	70·99	70·32	71·07	70·57	72·07
12	72·24	76·57	76·65	72·99	71·65	70·82	.....	70·99	70·32	71·15	70·65	72·49
13	72·32	76·57	76·57	73·07	71·57	70·74	.....	70·99	70·32	71·24	70·74	72·57
14	72·32	76·74	76·40	72·99	71·57	70·65	.....	70·90	70·40	71·32	70·74	72·90
15	72·40	76·82	76·24	72·90	71·32	70·57	.....	70·90	70·57	71·32	70·82	73·24
16	72·57	76·99	75·99	72·82	71·24	70·49	.....	70·82	70·07	71·32	70·90	73·15
17	72·99	77·15	75·82	72·74	71·15	70·49	.....	70·74	70·32	71·24	70·99	73·07
18	73·07	78·57	75·32	72·74	71·15	70·49	.....	70·74	70·57	71·15	70·99	73·07
19	73·15	78·07	75·24	72·74	71·15	70·49	.....	70·65	70·57	71·07	70·99	73·15
20	73·24	78·57	75·07	72·65	71·07	70·49	.....	70·65	70·57	71·07	70·82	73·49
21	73·15	78·65	74·99	72·57	71·07	70·49	.....	70·65	70·65	70·99	70·65	73·74
22	73·57	78·74	74·90	72·57	70·99	70·49	.....	70·65	70·57	70·90	70·74	73·99
23	73·74	78·82	74·82	72·57	70·99	70·49	.....	70·65	70·57	70·82	70·90	73·82
24	73·99	78·74	74·74	72·57	70·99	70·49	.....	70·65	70·57	70·82	70·99	73·74
25	73·82	78·74	74·65	72·40	71·07	70·40	.....	70·65	70·57	70·90	71·07	73·57
26	73·57	78·57	74·49	72·32	71·07	70·32	.....	70·65	70·57	70·99	71·15	73·40
27	73·57	78·32	74·40	72·24	70·99	70·24	.....	70·57	70·57	71·15	71·24	73·15
28	73·57	78·15	74·32	72·15	70·90	70·32	.....	70·57	70·57	71·15	71·32	72·99
29	73·49	77·99	74·24	72·07	71·82	70·40	.....	70·57	70·65	71·15	.....	72·74
30	73·49	77·82	74·07	71·99	71·82	70·40	.....	70·65	70·74	71·15	.....	72·57
31	.....	77·74	.....	71·99	72·32	.....	.....	.....	70·74	71·15	.....	72·49

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1894–95.

TABLE No. 524.

1	72·49	76·90	74·74	.....	71·49	70·07	70·07	71·49	71·65	71·49	70·74	70·15
2	72·49	76·90	74·74	.....	71·32	70·07	70·15	71·49	70·57	71·49	70·65	70·15
3	72·49	77·07	74·74	.....	71·32	70·07	70·15	71·57	70·82	71·40	70·57	70·15
4	72·49	77·07	74·82	.....	71·24	70·07	70·24	71·65	70·99	71·32	70·65	70·15
5	72·49	77·07	74·90	.....	71·07	70·07	70·24	71·74	71·24	71·24	70·74	70·24
6	72·49	77·07	74·90	.....	71·07	69·99	70·24	71·90	71·15	71·15	70·74	70·24
7	72·49	77·07	74·90	.....	71·07	69·99	70·32	71·90	71·07	71·24	70·82	70·24
8	72·49	76·99	74·90	.....	71·09	69·90	70·32	71·90	71·07	71·32	70·82	70·15
9	72·49	76·99	74·82	.....	71·09	69·82	70·32	71·99	70·99	71·40	70·90	70·15
10	72·49	76·99	74·74	.....	71·09	69·74	70·32	71·99	70·90	71·32	70·82	70·15
11	72·49	76·82	74·74	.....	70·74	69·74	70·32	71·99	70·90	71·24	70·74	70·15
12	72·49	76·82	74·32	.....	70·74	69·74	70·40	71·99	70·99	71·15	70·65	70·15
13	72·49	76·57	74·24	.....	70·74	69·74	70·40	71·99	70·99	71·07	70·57	70·07
14	72·49	76·40	74·15	.....	70·74	69·74	70·49	71·90	70·99	70·90	70·57	70·07
15	72·57	76·32	74·07	.....	70·74	69·74	70·57	71·82	71·07	70·90	70·49	70·07
15	72·74	76·15	74·07	.....	70·74	69·74	70·65	71·82	71·07	70·82	70·49	70·07
17	72·90	75·90	73·82	.....	70·65	69·74	70·74	71·82	71·07	70·82	70·49	69·99
18	72·99	75·74	73·49	.....	70·57	69·74	70·90	71·74	71·15	70·74	70·49	69·99
19	73·24	75·65	73·49	.....	70·57	69·82	70·99	71·65	71·24	70·74	70·49	69·99
20	73·49	75·49	73·57	.....	70·57	69·99	71·24	71·57	71·24	70·74	70·40	69·90
21	73·99	75·32	73·99	.....	70·57	69·99	71·32	71·49	71·24	70·82	70·40	69·90
22	74·40	75·32	74·07	.....	70·57	69·99	71·40	71·49	71·24	70·82	70·40	69·82
23	74·82	75·24	74·07	.....	70·49	69·99	71·49	71·57	71·32	70·74	70·32	69·82
24	75·32	75·15	73·99	.....	70·49	69·99	71·57	71·57	71·32	70·74	70·32	69·82
25	75·74	74·99	73·90	.....	70·49	69·99	71·57	71·40	71·32	70·82	70·24	69·82
26	75·99	74·99	73·90	.....	70·49	70·07	71·57	71·40	71·32	70·82	70·24	69·82
27	76·24	74·99	73·82	.....	70·40	70·15	71·57	71·49	71·40	70·82	70·15	69·82
28	76·57	74·90	73·90	.....	70·40	70·07	71·49	71·57	71·40	70·82	70·15	69·82
29	76·74	74·90	73·90	.....	70·32	70·07	71·49	71·74	71·40	70·82	.....	69·90
30	76·90	74·82	73·82	.....	70·24	70·07	71·49	71·65	71·49	70·82	.....	69·99
31	.....	74·74	.....	.....	70·15	.....	71·49	.....	71·49	70·74	.....	69·99

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1895–96.

TABLE No. 525.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·07	75·49	74·15	72·74	70·74	70·74	69·99	69·65	70·57	73·15	71·82	71·07
2	70·07	75·40	74·15	72·57	70·65	70·74	69·99	69·65	70·57	73·15	71·74	71·07
3	70·07	74·99	74·24	72·49	70·65	70·82	69·90	69·65	70·57	73·24	71·74	71·07
4	70·15	74·57	74·32	72·40	70·65	70·65	69·90	69·65	70·57	73·24	71·74	71·07
5	70·24	74·90	74·32	72·32	70·57	70·57	69·90	69·65	70·57	73·24	71·65	71·07
6	70·32	75·07	74·32	72·24	70·57	70·57	69·90	69·65	70·57	73·32	71·65	71·15
7	70·99	75·32	74·40	72·15	70·57	70·49	69·90	69·65	70·57	73·32	71·65	71·15
8	71·49	75·57	74·32	71·99	70·57	70·49	69·90	69·82	70·57	73·40	71·57	71·15
9	71·99	75·74	74·32	71·90	70·57	70·40	69·90	69·82	70·57	73·40	71·57	71·15
10	72·57	75·90	74·32	71·82	70·57	70·40	69·90	69·90	70·57	73·40	71·57	71·15
11	73·49	76·07	74·32	71·74	70·65	70·40	69·99	69·99	70·57	73·40	71·57	71·15
12	73·57	76·07	74·32	71·65	70·65	70·40	69·99	69·90	70·57	73·24	71·57	71·15
13	73·49	76·15	74·32	71·57	70·65	70·40	69·90	69·90	70·57	72·99	71·49	71·15
14	73·74	76·15	74·24	71·57	70·65	70·40	69·90	70·07	70·57	72·74	71·49	71·15
15	73·99	76·15	74·15	71·49	70·74	70·40	69·90	70·15	70·57	72·65	71·49	71·15
16	74·32	75·90	74·07	71·49	70·74	70·40	69·90	70·15	70·57	72·57	71·49	71·24
17	74·57	75·82	73·90	71·40	70·82	70·40	69·82	70·24	70·57	72·49	71·49	71·24
18	74·57	75·74	73·90	71·40	70·82	70·40	69·82	70·24	70·49	72·49	71·40	71·24
19	74·74	75·57	73·82	71·40	70·90	70·40	69·82	70·32	70·40	72·49	71·40	71·15
20	74·57	75·40	73·82	71·32	70·90	70·32	69·82	70·32	70·24	72·40	71·32	71·07
21	74·65	75·24	73·82	71·24	70·90	70·32	69·82	70·24	70·40	72·32	71·32	70·99
22	74·65	75·07	73·57	71·15	70·82	70·32	69·74	70·24	70·57	72·24	71·24	70·99
23	74·74	74·90	73·49	71·15	70·82	70·24	69·65	70·24	70·74	72·15	71·24	70·90
24	74·90	74·74	73·32	71·07	70·82	70·15	69·65	70·24	70·57	72·07	71·15	70·90
25	75·15	74·57	73·24	71·07	70·90	70·15	69·65	70·15	70·32	71·99	71·15	70·90
26	75·32	74·49	73·15	70·99	70·99	70·15	69·65	70·24	70·15	71·82	71·07	70·82
27	75·40	74·32	73·07	70·99	70·99	70·07	69·65	70·32	71·24	71·74	71·07	70·74
28	75·40	74·24	72·99	70·90	70·99	70·07	69·65	70·49	72·40	71·65	71·07	70·65
29	75·49	74·24	72·99	70·99	70·99	69·99	69·65	70·57	72·57	71·65	71·15	70·82
30	75·49	74·15	72·90	70·82	70·99	69·99	69·65	70·65	72·82	71·74	.....	71·15
31	.....	74·24	.....	70·82	70·99	.....	69·65	.....	73·15	71·82	.....	71·49

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1896–97.

TABLE No. 526.

1	71·15	76·74	73·74	72·07	71·24	70·40	70·32	70·57	72·85	70·24	71·65	70·40
2	71·07	76·57	73·65	71·99	71·15	70·40	70·40	70·57	72·85	70·24	71·57	70·40
3	71·07	76·32	73·57	71·90	71·07	70·40	70·49	70·65	72·74	70·24	71·49	70·40
4	70·99	76·40	73·57	71·90	71·07	70·40	70·49	70·82	72·65	70·24	71·40	70·40
5	70·99	76·32	73·57	71·90	71·07	70·32	70·49	70·99	72·49	70·24	71·32	70·57
6	70·99	76·32	73·57	71·90	71·07	70·32	70·40	71·24	72·40	70·24	71·24	70·57
7	71·07	76·24	73·57	71·90	71·07	70·24	70·49	71·49	72·40	70·24	71·24	70·57
8	71·24	76·24	73·57	71·90	71·07	70·24	70·49	71·65	72·32	70·15	71·15	70·49
9	71·32	76·24	73·65	71·90	70·99	70·24	70·49	71·82	72·32	70·15	71·07	70·49
10	71·74	76·15	73·74	71·90	70·90	70·07	70·65	71·90	72·32	70·15	70·99	70·49
11	72·15	76·15	73·82	71·90	70·99	70·07	70·74	71·99	72·24	71·07	70·82	70·49
12	72·65	76·15	73·90	71·90	70·82	70·07	70·74	72·15	72·15	71·15	70·82	70·49
13	72·65	76·15	73·82	71·90	70·82	70·07	70·74	72·32	72·15	71·24	70·74	70·49
14	73·57	75·90	73·82	71·90	70·82	70·07	70·74	72·32	72·07	71·32	70·74	70·57
15	74·57	75·74	73·74	71·90	70·82	70·07	70·74	72·40	72·07	71·32	70·65	70·74
16	75·65	75·74	73·65	71·90	70·74	70·15	70·74	72·49	71·99	71·24	70·57	70·90
17	75·65	75·74	73·65	71·82	70·65	70·15	70·74	72·49	71·90	71·24	70·57	70·99
18	76·65	75·57	73·49	71·82	70·57	70·07	70·74	72·49	71·82	71·24	70·57	71·07
19	76·90	75·07	73·32	71·74	70·57	70·07	70·65	72·57	71·74	71·40	70·57	71·10
20	77·15	74·99	73·32	71·57	70·57	70·07	70·57	72·57	71·74	71·57	70·49	70·74
21	77·32	74·65	73·24	71·57	70·57	70·07	70·57	72·57	71·65	71·49	70·49	70·74
22	77·49	74·57	73·15	71·57	70·57	70·15	70·65	73·07	71·65	71·32	70·49	70·82
23	78·24	74·40	73·07	71·57	70·57	70·24	70·74	72·82	71·57	71·40	70·40	70·24
24	77·90	74·15	72·90	71·57	70·49	70·24	70·74	72·82	71·57	71·49	70·40	71·99
25	77·65	74·15	72·74	71·57	70·49	70·07	70·74	72·74	71·57	71·49	70·32	72·40
26	77·57	73·99	72·49	71·49	70·49	70·07	70·74	72·74	71·57	71·57	70·32	71·99
27	77·32	73·90	72·32	71·49	70·49	70·15	70·74	72·74	71·49	71·65	70·32	71·57
28	76·90	73·74	72·32	71·49	70·49	70·24	70·74	72·71	71·49	71·65	70·40	71·99
29	77·07	73·74	72·24	71·32	70·49	70·24	70·74	72·74	71·40	71·65	.....	71·40
30	76·74	73·74	72·15	71·32	70·49	70·24	70·74	72·82	71·32	71·65	.....	71·49
31	.....	73·74	.....	71·32	70·40	.....	70·57	.....	71·24	71·65	.....	71·65

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1897–98.

TABLE No. 527.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·99	77·15	75·99	73·15	71·49	71·15	69·99	70·49	70·57	71·07	70·65	70·65
2	72·24	77·15	75·65	73·07	71·49	71·15	69·99	70·57	70·57	70·90	70·65	70·57
3	72·24	77·15	75·49	72·99	71·49	71·07	69·99	70·57	70·57	70·99	70·57	70·57
4	72·49	77·49	74·99	72·82	71·40	71·07	69·90	70·57	70·49	71·07	70·49	70·49
5	72·57	77·32	75·24	72·74	71·32	70·99	69·90	70·57	70·40	71·15	70·40	70·40
6	72·74	77·32	75·07	72·65	71·32	70·90	69·90	70·57	70·40	71·15	70·40	70·32
7	72·90	77·24	74·90	72·57	71·24	70·82	69·90	70·57	70·24	70·90	70·40	70·32
8	72·90	77·32	74·90	72·49	71·07	70·82	69·82	70·57	70·24	70·82	70·32	70·24
9	72·82	77·24	74·74	72·40	71·07	70·82	69·82	70·57	70·40	70·65	70·32	70·24
10	72·82	77·15	74·74	72·15	71·07	70·57	69·74	70·65	70·32	70·65	70·32	70·15
11	72·74	77·07	74·74	72·15	71·07	70·57	69·74	70·65	70·40	70·65	70·15	70·15
12	72·57	76·99	74·74	72·24	71·07	70·57	69·82	70·65	70·49	70·65	70·15	70·15
13	72·57	76·82	74·74	72·15	71·07	70·57	69·82	70·57	70·74	70·74	70·07	70·65
14	72·49	76·74	74·74	72·15	71·07	70·49	69·65	70·57	70·74	70·74	70·15	72·65
15	72·49	76·65	74·82	72·07	71·07	70·49	69·82	70·49	71·07	70·74	70·32	73·82
16	72·57	76·57	74·74	71·99	71·07	70·49	69·74	70·49	71·57	70·74	70·32	74·74
17	72·74	76·49	74·65	71·82	71·07	70·40	69·90	70·57	71·74	70·57	70·40	74·82
18	72·90	76·82	74·57	71·82	71·07	70·32	69·74	70·57	71·74	70·65	70·40	75·24
19	73·07	76·07	74·49	71·74	71·07	70·32	69·74	70·49	71·57	70·49	70·49	75·40
20	73·24	76·07	74·24	71·65	71·15	70·24	69·74	70·57	71·49	70·49	70·57	75·49
21	73·40	75·99	74·07	71·57	71·15	70·24	69·82	70·57	71·49	70·49	70·57	75·40
22	73·40	76·07	73·90	71·57	71·24	70·15	69·90	70·57	71·49	70·40	70·74	75·15
23	73·32	76·15	73·90	71·57	71·24	70·15	70·07	70·57	71·32	70·40	71·15	74·99
24	73·24	76·32	73·82	71·49	71·24	70·07	70·07	70·57	71·15	70·49	71·24	74·65
25	73·57	76·40	73·74	71·40	71·24	70·07	70·15	70·40	71·15	70·57	71·15	74·40
26	73·90	76·49	73·65	71·40	71·24	70·07	70·24	70·49	71·15	70·57	71·07	74·24
27	75·07	76·57	73·57	71·32	71·24	70·07	70·24	70·49	71·24	70·65	70·90	74·07
28	75·49	76·57	73·57	71·32	71·32	70·07	70·32	70·57	71·15	70·57	70·74	74·07
29	76·07	76·40	73·49	71·40	71·32	70·07	70·40	70·57	71·24	70·57	.....	74·65
30	76·57	76·40	73·24	71·40	71·24	70·07	70·40	70·57	71·32	70·65	.....	74·74
31	.....	76·32	.....	71·49	71·24	.....	70·40	.....	71·24	70·65	.....	74·74

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1898–99.

TABLE No. 528.

1	74·57	73·99	74·15	73·32	71·32	70·65	70·57	72·49	71·65	70·90	70·90	70·07
2	74·32	73·99	74·07	73·32	71·15	70·65	70·57	72·49	71·57	70·99	70·90	70·07
3	74·24	73·82	74·07	73·32	71·07	70·65	70·65	72·49	71·65	70·99	70·90	70·07
4	74·07	73·90	73·99	73·24	71·07	70·65	70·65	72·40	71·49	70·99	70·90	69·99
5	74·07	73·90	73·90	73·24	71·07	70·65	70·74	72·24	71·57	70·99	70·90	69·99
6	73·99	73·82	73·82	73·15	71·07	70·65	70·65	72·24	71·65	70·90	70·82	69·99
7	73·82	73·65	73·74	73·07	70·99	70·65	70·65	72·24	71·65	70·99	70·74	70·07
8	73·65	73·57	73·49	72·99	70·99	70·65	70·65	72·07	71·65	70·99	70·82	70·24
9	73·57	73·57	73·49	72·90	70·90	70·74	70·65	72·07	71·65	70·99	70·74	70·24
10	73·24	73·49	73·32	72·90	70·90	70·74	70·57	72·07	71·99	70·99	70·74	70·24
11	73·07	73·40	73·15	72·82	70·90	70·74	70·57	72·07	72·07	70·99	70·90	70·15
12	73·07	73·49	73·07	72·57	70·82	70·74	70·57	72·07	71·82	71·07	70·90	70·15
13	72·90	73·40	73·07	72·40	70·82	70·74	70·57	71·99	71·65	70·99	70·99	70·15
14	72·90	73·32	73·15	72·40	70·82	70·65	70·57	71·99	71·65	71·07	70·99	70·15
15	72·90	73·24	73·15	72·32	70·82	70·57	70·65	71·99	71·49	71·32	71·07	70·24
16	72·90	73·15	73·07	72·24	70·90	70·57	70·65	71·99	71·57	71·24	71·07	70·40
17	72·90	73·15	73·07	72·07	71·07	70·57	70·82	71·99	71·32	71·15	70·82	70·40
18	73·07	73·15	73·07	72·07	71·07	70·57	70·90	71·99	71·32	70·99	70·57	70·40
19	73·07	73·07	72·99	72·07	71·07	70·57	70·99	72·07	71·15	71·07	70·40	70·49
20	73·07	72·99	72·90	71·99	71·24	70·57	71·07	72·07	71·15	71·15	70·24	70·49
21	73·57	72·90	72·82	71·99	71·15	70·57	71·24	72·15	71·15	71·07	70·15	70·49
22	73·65	72·90	72·65	71·90	71·15	70·57	71·32	72·15	71·24	71·07	70·24	70·74
23	73·74	72·90	72·57	71·82	71·07	70·57	71·57	72·15	71·15	70·90	70·15	71·24
24	73·82	73·07	72·40	71·82	71·07	70·65	71·90	72·15	71·15	70·82	69·99	71·82
25	73·82	73·07	72·40	71·74	70·99	70·65	71·90	72·15	71·07	70·65	70·15	71·82
26	73·99	73·32	72·40	71·65	70·90	70·65	71·99	71·99	71·07	70·65	70·15	70·74
27	73·99	73·57	72·40	71·57	70·90	70·65	71·99	71·99	70·99	70·65	70·24	70·57
28	73·99	73·82	72·57	71·49	70·82	70·65	72·24	71·90	70·90	70·82	70·15	70·40
29	74·07	73·90	72·90	71·49	70·74	70·57	72·40	71·82	70·90	70·90	....	70·40
30	74·07	74·24	73·07	71·49	70·74	70·57	72·49	71·82	70·82	70·90	....	70·24
31	.....	74·24	.....	71·49	70·74	.....	72·49	.....	70·82	70·99	....	70·32

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1899–1900.

TABLE No. 529.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·32	77·49	75·65	73·07	71·99	70·49	71·07	71·07	70·57	71·57	70·90	71·40
2	70·24	77·74	75·82	72·90	71·99	70·40	71·57	71·15	70·57	71·57	70·90	71·74
3	70·24	78·15	75·82	72·74	71·99	70·40	71·74	71·24	70·57	71·49	70·90	72·15
4	70·24	78·40	75·82	72·74	71·99	70·40	71·82	71·24	70·57	71·57	70·82	72·40
5	70·24	78·57	75·82	72·65	71·99	70·32	71·82	71·24	70·65	71·40	70·82	72·49
6	70·24	78·74	75·82	72·65	71·90	70·32	71·90	71·32	70·65	71·32	70·82	72·57
7	70·24	78·90	75·65	72·49	71·82	70·24	71·82	71·32	70·65	71·24	70·82	72·32
8	70·32	78·90	75·57	72·57	71·82	70·24	71·82	71·24	70·65	71·07	70·82	72·07
9	70·65	78·90	75·49	72·82	71·65	70·15	71·74	71·15	70·57	71·07	70·90	71·90
10	70·99	78·82	75·32	73·24	71·40	70·15	71·57	71·15	71·07	71·07	70·82	71·65
11	71·32	78·57	75·32	73·32	71·32	70·07	71·57	70·99	71·57	71·15	70·90	71·49
12	71·57	78·49	75·15	73·32	71·32	70·07	71·49	70·99	71·74	71·24	70·90	71·32
13	71·90	78·32	74·90	73·32	71·32	70·07	71·32	70·90	71·90	71·24	70·90	71·32
14	72·57	78·07	73·82	73·32	71·24	69·99	71·24	70·82	71·99	71·24	71·65	71·15
15	73·32	77·82	74·57	73·32	71·15	69·99	71·15	70·82	71·82	70·99	71·99	71·15
16	74·07	77·65	74·40	73·32	71·15	69·90	71·15	70·74	71·65	70·99	72·07	71·24
17	74·74	77·32	74·24	73·24	70·99	69·90	71·07	70·74	71·65	70·99	72·07	71·24
18	74·90	76·99	74·24	73·07	70·90	69·90	70·99	70·74	71·82	70·99	71·90	71·24
19	75·07	76·90	74·07	73·07	70·90	69·90	70·99	70·74	71·90	70·99	71·74	71·15
20	75·24	76·65	73·90	72·90	70·90	69·99	70·99	70·74	71·90	70·82	71·65	71·07
21	75·57	76·40	73·90	72·65	70·74	69·99	70·99	70·65	71·90	70·82	71·57	70·90
22	75·90	76·24	73·82	72·57	70·74	69·99	70·99	70·65	71·82	70·90	71·40	70·90
23	76·07	76·07	73·65	72·15	70·74	69·99	70·99	70·65	71·82	70·82	71·57	70·82
24	76·32	75·90	73·65	72·32	70·74	69·99	70·99	70·65	71·74	70·82	71·15	70·82
25	76·32	75·74	73·65	72·24	70·74	69·99	71·07	70·65	71·65	70·82	71·15	70·82
26	76·32	75·49	73·40	72·24	70·74	70·07	70·99	70·65	71·65	70·82	71·15	70·99
27	76·57	75·40	73·40	72·24	70·65	70·24	70·99	70·57	71·57	70·99	71·49	70·82
28	76·74	75·32	73·24	72·15	70·49	70·57	70·99	70·57	71·57	70·99	71·40	70·82
29	76·99	75·32	73·24	72·07	70·49	70·82	70·99	70·57	71·65	70·90	.....	70·82
30	77·24	75·32	73·24	72·07	70·49	70·74	71·15	70·57	71·65	70·90	.....	70·74
31	.....	75·57	.....	72·07	70·49	.....	71·07	.....	71·65	70·90	.....	70·74

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1900–01.

TABLE No. 530

1	70·82	76·15	73·57	71·74	72·99	71·24	71·32	71·32	72·15	70·99	70·82	70·15
2	70·99	75·90	73·74	71·74	72·90	71·24	71·32	71·32	71·99	70·90	70·65	70·15
3	71·49	75·74	73·99	71·82	72·90	71·15	71·32	71·24	71·99	70·90	70·65	70·07
4	71·82	75·57	74·15	71·82	72·82	71·15	71·32	71·15	71·99	70·99	70·74	69·99
5	72·24	75·49	74·07	72·07	72·74	71·07	71·32	71·15	71·99	70·99	70·82	69·99
6	72·90	75·32	73·99	72·15	72·65	71·07	71·32	71·15	71·99	70·90	70·82	69·82
7	73·40	75·15	73·90	72·32	72·65	70·99	71·32	71·15	71·90	70·90	70·90	69·90
8	73·90	75·15	73·90	72·40	72·65	70·90	71·32	71·24	71·82	70·90	70·99	69·90
9	74·32	75·15	73·74	72·49	72·65	70·90	71·32	71·24	71·82	70·90	70·99	69·90
10	74·24	75·15	73·74	72·57	72·65	70·90	71·32	71·24	71·74	70·90	70·99	69·90
11	73·90	75·07	73·65	72·65	72·65	70·90	71·32	71·24	71·74	70·82	71·07	69·90
12	73·65	75·07	73·57	72·99	72·57	70·82	71·40	71·24	71·57	70·90	70·99	69·90
13	73·40	74·99	73·49	72·99	72·49	70·74	71·57	71·24	71·57	70·90	70·99	69·90
14	73·15	74·82	73·32	73·07	72·40	70·74	71·57	71·15	71·57	70·90	70·99	69·90
15	73·07	74·74	73·24	73·07	72·32	70·74	71·65	71·07	71·57	70·90	70·90	69·90
16	72·99	74·57	73·07	73·15	72·32	70·82	71·65	71·07	71·57	70·82	70·82	69·99
17	72·99	74·57	72·99	73·40	72·24	70·82	71·65	70·99	71·40	70·82	70·74	69·90
18	73·15	74·57	72·90	73·90	72·24	70·99	71·65	71·15	71·15	70·82	70·65	69·90
19	73·74	74·65	72·90	74·15	72·15	70·99	71·65	71·24	71·15	70·82	70·57	69·82
20	74·24	74·57	72·74	74·07	72·07	70·99	71·57	71·49	71·24	70·82	70·32	69·90
21	74·82	74·57	72·57	73·90	71·99	71·07	71·57	71·74	71·15	70·82	70·24	69·90
22	75·07	74·49	72·49	73·57	71·82	71·07	71·49	72·49	71·07	70·82	70·24	69·82
23	75·40	74·40	72·40	73·49	71·90	71·15	71·40	72·57	70·99	70·82	70·24	69·90
24	75·82	74·32	72·32	73·40	71·82	71·24	71·40	72·74	71·07	70·82	70·15	69·90
25	76·07	74·15	72·32	73·40	71·74	71·24	71·40	72·74	71·07	70·82	70·15	69·90
26	76·40	74·15	72·15	73·24	71·57	71·32	71·32	72·65	71·07	70·82	70·07	69·90
27	76·32	73·99	72·15	73·15	71·57	71·24	71·32	72·49	70·99	70·82	69·99	70·24
28	76·32	73·90	71·99	73·07	71·57	71·24	71·32	72·32	70·99	70·74	70·07	70·49
29	76·32	73·82	71·99	73·07	71·49	71·24	71·32	72·15	70·99	70·74	.....	70·99
30	76·32	73·65	71·99	73·07	71·49	71·32	71·32	72·15	70·90	70·74	.....	71·07
31	.....	73·65	.....	72·99	71·40	.....	71·32	.....	70·90	70·82	.....	71·24

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1901–02.

TABLE No. 531.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·24	76·74	74·24	72·40	70·82	70·24	69·24	69·82	70·24	70·99	70·99	70·07
2	71·24	76·74	74·32	72·24	70·74	70·24	69·24	69·99	70·15	71·15	70·99	70·90
3	71·40	76·74	74·49	72·15	70·74	70·24	69·32	69·99	70·15	71·15	70·99	71·57
4	71·74	76·74	74·57	71·99	70·65	70·24	69·24	69·99	70·15	71·24	70·90	71·65
5	72·74	76·74	74·74	71·90	70·57	70·15	69·24	69·90	70·15	71·49	70·90	71·90
6	73·49	76·57	74·74	71·82	70·57	70·15	69·32	69·99	70·07	71·49	70·82	71·90
7	74·15	76·40	74·74	71·74	70·57	70·15	69·49	69·99	70·07	71·40	70·74	71·90
8	75·07	76·32	74·74	71·74	70·57	70·15	69·40	69·99	69·99	71·24	70·74	71·82
9	75·49	76·07	74·74	71·74	70·57	70·07	69·40	69·99	69·99	71·24	70·65	71·74
10	75·90	75·90	74·65	71·74	70·57	69·99	69·49	69·90	69·99	71·32	70·57	71·74
11	76·07	75·82	74·65	71·65	70·49	69·99	69·57	69·90	69·90	71·24	70·49	71·57
12	75·74	75·74	74·57	71·57	70·49	69·99	69·49	69·99	69·90	71·15	70·49	71·57
13	75·65	75·74	74·40	71·49	70·49	69·99	69·49	70·07	69·90	71·07	70·49	71·65
14	75·49	75·57	74·24	71·40	70·49	69·90	69·57	70·07	69·90	70·99	70·49	72·24
15	75·57	75·49	74·15	71·32	70·40	69·82	69·57	70·15	70·57	70·99	70·49	72·74
16	75·74	75·15	73·90	71·24	70·32	69·82	69·57	70·15	71·15	70·99	70·49	72·90
17	75·32	75·15	73·74	71·15	70·32	69·82	69·74	70·15	71·32	70·82	71·40	73·32
18	74·99	75·07	73·57	71·15	70·24	69·82	69·82	70·15	71·49	70·74	70·99	74·15
19	75·07	74·99	73·49	71·07	70·15	69·74	69·90	70·07	71·49	70·74	71·57	74·32
20	75·24	74·99	73·32	70·99	70·15	69·65	69·99	70·07	71·40	70·82	70·32	74·32
21	75·49	74·99	73·15	70·99	70·15	69·57	69·99	70·07	71·32	70·82	70·49	74·24
22	75·74	75·07	73·07	70·90	70·15	69·57	69·99	70·07	71·32	70·82	70·40	74·24
23	76·40	75·07	72·99	70·90	70·15	69·49	69·99	70·07	71·32	70·82	70·40	74·49
24	76·65	74·99	72·99	70·82	70·15	69·49	69·99	70·15	71·40	70·82	70·32	74·74
25	76·82	74·90	72·90	70·82	70·24	69·49	69·99	70·24	71·32	70·90	70·32	74·82
26	77·07	74·82	72·90	70·82	70·24	69·40	69·82	70·32	71·24	70·90	70·24	74·90
27	76·99	74·74	72·82	70·82	70·24	69·32	69·82	70·32	71·15	70·82	70·15	74·82
28	76·90	74·65	72·74	70·90	70·24	69·24	69·82	70·24	71·07	70·82	70·07	74·74
29	76·82	74·57	72·65	70·90	70·15	69·07	69·82	70·32	71·07	70·90	.....	75·07
30	76·74	74·40	72·57	70·90	70·15	69·07	69·99	70·32	71·07	71·07	.....	75·40
31	.....	74·32	.....	70·82	70·24	.....	69·82	.....	70·99	70·99	.....	75·40

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1902–03.

TABLE No. 532.

1	75·57	74·65	74·15	73·24	71·90	70·82	70·40	70·99	72·65	71·57	70·82	71·07
2	75·90	74·90	74·24	73·24	71·90	70·74	70·40	70·99	72·65	71·57	70·90	71·24
3	75·82	75·07	74·32	73·24	71·90	70·74	70·40	70·99	72·57	71·57	70·99	71·57
4	75·74	75·07	74·49	73·15	71·90	70·65	70·40	71·07	72·57	71·40	70·99	71·65
5	75·57	75·24	74·49	73·15	71·90	70·57	70·40	71·07	72·57	71·24	71·07	71·74
6	75·49	75·24	74·40	73·15	71·90	70·49	70·40	71·15	72·65	71·24	70·99	71·65
7	75·32	75·24	74·40	73·07	71·90	70·24	70·49	71·15	72·57	71·24	70·99	71·49
8	75·15	75·24	74·40	73·07	71·82	70·40	70·49	71·24	72·49	71·24	70·09	71·49
9	75·15	75·24	74·40	72·90	71·82	70·40	70·49	71·24	72·40	71·24	70·99	71·49
10	75·15	75·24	74·40	72·82	71·74	70·40	70·49	71·24	72·40	71·24	70·99	71·74
11	74·82	75·24	74·40	72·74	71·65	70·40	70·49	71·32	72·24	71·24	71·15	72·07
12	74·82	75·15	74·40	72·65	71·57	70·40	70·49	71·57	72·15	71·24	71·15	72·57
13	74·82	75·15	74·32	72·57	71·49	70·40	70·49	71·65	72·15	71·24	71·07	73·40
14	74·82	75·15	74·24	72·49	71·49	70·40	70·49	71·82	72·15	71·24	71·07	73·65
15	74·74	74·99	74·24	72·49	71·49	70·32	70·49	71·90	72·15	71·24	71·15	73·65
16	74·65	74·82	74·24	72·49	71·40	70·32	70·57	71·90	72·15	71·24	71·24	73·65
17	74·65	74·82	74·07	72·40	71·32	70·40	70·65	71·99	72·24	71·15	70·24	73·74
18	74·65	74·74	73·99	72·40	71·32	70·40	70·65	72·07	72·07	71·07	70·24	73·90
19	74·57	74·57	73·90	72·32	71·24	70·49	70·65	72·24	71·90	71·07	70·32	74·40
20	74·57	74·49	73·74	72·32	71·24	70·57	70·74	72·32	71·82	71·15	70·32	75·07
21	74·49	74·24	73·57	72·32	71·24	70·57	70·82	72·40	71·74	71·15	70·40	75·32
22	74·32	74·07	73·49	72·32	71·24	70·57	70·99	72·40	71·82	71·15	70·40	75·32
23	74·32	74·07	73·40	72·24	71·24	70·57	70·99	72·49	71·82	71·07	70·49	75·49
24	74·32	73·99	73·40	72·15	71·15	70·65	70·99	72·57	71·74	71·07	71·49	75·74
25	74·24	73·99	73·40	72·15	71·07	70·57	70·99	72·65	71·74	71·07	71·40	75·82
26	74·24	73·99	73·40	72·15	71·07	70·57	70·99	72·65	71·65	70·90	71·24	75·82
27	74·32	73·99	73·40	72·07	71·07	70·57	70·99	72·65	71·82	70·90	70·90	75·65
28	74·65	73·99	73·40	72·07	70·99	70·57	70·99	72·65	71·82	70·90	70·90	75·40
29	74·49	74·07	73·32	71·99	70·99	70·49	70·99	72·65	71·74	70·90	.....	75·07
30	74·49	74·15	73·24	71·90	70·90	70·40	70·90	72·65	71·74	70·82	.....	74·99
31	.....	74·15	.....	71·90	70·82	.....	70·90	.....	71·57	70·82	.....	74·74

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1903–04.

TABLE No. 533.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	74·57	73·57	73·32	73·49	71·90	70·99	71·15	71·49	69·57	71·99	70·90	71·57
2	74·40	73·32	73·32	73·57	71·82	71·07	71·15	71·32	69·57	71·99	71·57	72·57
3	74·40	73·32	73·15	73·90	71·65	70·99	71·07	71·32	70·32	71·82	71·99	72·57
4	74·24	73·40	72·90	74·24	71·57	70·99	71·07	71·32	70·32	70·57	71·99	71·74
5	74·24	73·57	72·65	74·07	71·57	70·90	71·07	71·32	70·32	70·82	72·57	70·57
6	74·24	73·74	73·07	73·90	71·49	70·82	70·99	71·24	70·32	69·99	73·57	70·57
7	74·40	73·90	73·24	73·74	71·49	70·74	70·99	71·15	70·32	70·07	72·99	70·74
8	74·65	74·07	72·90	74·07	71·49	70·74	70·99	71·15	70·32	70·32	72·99	70·57
9	74·74	74·24	72·82	73·40	71·49	70·65	70·99	71·07	70·32	70·57	73·57	71·07
10	74·65	74·32	72·82	73·24	71·49	70·65	71·49	71·07	71·65	70·65	72·74	70·57
11	74·90	74·32	72·82	72·99	71·57	70·57	71·49	71·07	72·32	70·65	73·90	70·57
12	74·57	74·32	72·82	72·74	71·57	70·57	71·90	71·07	72·15	70·74	73·99	70·74
13	74·32	74·40	72·82	72·65	71·57	70·57	71·90	70·90	72·15	70·65	72·74	70·65
14	74·07	74·57	72·99	72·57	71·49	70·57	71·90	70·90	72·32	71·07	72·74	70·65
15	74·07	74·57	72·99	72·49	71·49	70·57	71·90	70·90	70·57	71·57	73·57	70·74
16	73·99	74·57	73·07	72·32	71·49	70·57	71·82	70·65	72·82	72·57	72·57	70·65
17	73·99	74·57	73·07	72·24	71·49	70·57	71·82	70·82	73·25	72·57	72·24	70·65
18	73·99	74·57	73·15	72·15	71·49	70·57	71·82	70·82	73·07	72·07	71·57	70·65
19	73·99	74·49	73·15	72·15	71·49	70·74	71·90	70·82	72·57	72·57	71·15	70·65
20	73·99	74·40	73·15	72·07	71·49	70·82	71·90	70·74	72·57	72·57	71·15	70·65
21	73·99	74·40	73·24	72·07	71·49	70·90	71·99	70·65	73·32	72·57	71·15	70·65
22	74·07	74·40	73·24	71·99	71·49	70·90	71·99	70·65	72·57	72·57	71·15	70·65
23	73·99	74·24	73·32	71·99	71·40	71·07	71·99	70·57	72·57	70·57	70·57	70·74
24	73·99	74·15	73·40	71·99	71·32	71·07	71·99	70·74	72·57	70·57	71·57	70·74
25	74·07	73·99	73·40	71·99	71·24	71·07	71·65	70·74	70·65	72·57	70·57	70·82
26	73·90	73·90	73·57	71·99	71·15	71·24	71·65	70·99	72·57	71·57	70·74	71·07
27	73·90	73·82	73·65	71·99	71·07	71·24	71·65	71·15	72·65	70·82	70·65	71·74
28	73·90	73·82	73·65	71·90	70·99	71·24	71·65	70·90	72·82	70·57	70·65	72·24
29	73·90	73·74	73·57	71·90	70·99	71·24	71·65	71·24	70·74	70·57	70·65	72·99
30	73·90	73·57	73·49	71·90	70·99	71·07	71·65	71·49	70·74	70·82	.....	73·24
31	.....	73·57	.....	71·90	70·90	.....	71·49	.....	71·65	71·57	.....	73·49

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1904–05.

TABLE No. 534.

1	73·82	75·74	76·82	74·07	71·82	70·90	71·32	72·24	70·99	70·74	71·15	71·99
2	74·32	76·24	76·99	74·07	71·74	70·74	71·32	72·32	70·90	70·74	71·15	71·82
3	74·82	76·57	77·32	73·90	71·57	70·74	71·40	72·32	70·90	70·65	71·24	71·65
4	75·24	76·82	77·49	73·74	71·57	70·99	71·40	72·24	70·82	70·57	71·24	71·65
5	75·49	76·99	77·57	73·57	71·40	71·07	71·49	72·24	70·82	70·65	71·32	71·57
6	75·74	77·40	77·57	73·49	71·40	71·07	71·65	72·15	70·82	70·65	71·57	71·57
7	75·99	77·65	77·49	73·49	71·32	70·99	71·74	72·07	70·82	70·74	71·57	71·49
8	76·07	77·90	77·57	73·32	71·32	70·99	71·74	72·07	70·82	70·74	71·65	71·49
9	76·32	77·99	77·57	73·24	71·15	70·90	71·74	71·99	70·74	70·82	71·65	71·40
10	76·74	78·07	77·57	73·32	71·07	70·82	71·74	71·90	70·82	70·82	71·57	71·40
11	77·07	78·07	77·74	73·07	70·99	70·82	71·82	71·90	70·99	70·82	71·57	71·32
12	76·90	78·07	77·74	72·99	70·99	70·74	71·90	71·90	70·99	70·82	71·65	71·24
13	76·65	77·99	77·65	72·99	70·99	70·74	71·90	71·82	70·99	70·90	71·74	71·15
14	76·32	77·90	77·57	72·99	70·90	70·74	71·99	71·65	70·99	70·99	71·90	71·15
15	75·82	77·82	77·40	72·99	70·90	70·65	72·15	71·65	70·90	70·99	71·99	71·15
16	75·49	77·57	77·24	72·99	70·82	70·65	72·15	71·49	70·99	70·90	72·07	71·15
17	74·99	77·49	76·99	72·90	70·90	70·57	72·15	71·49	70·90	70·90	72·15	71·15
18	74·82	77·32	76·65	72·99	70·90	70·57	72·24	71·40	70·82	70·82	72·15	71·07
19	74·57	77·24	76·40	72·99	70·82	70·57	72·24	71·40	70·74	70·90	72·32	71·07
20	74·49	77·24	76·15	72·99	70·74	70·49	72·24	71·40	70·74	70·90	72·32	70·99
21	74·15	77·15	75·99	72·99	70·82	70·49	72·24	71·24	70·82	70·90	72·40	70·90
22	73·90	76·99	75·65	72·82	70·99	70·49	72 24	71·15	70·82	70·90	72·32	70·90
23	73·90	76·99	75·57	72·49	70·99	70·40	72·24	71·15	70·82	70·82	72·24	70·90
24	73·74	76·99	75·32	72·40	71·07	70·57	72·32	71·15	70·74	70·90	72·24	70·90
25	73·82	76·99	75·15	72·24	71·07	70·90	72·32	71·15	70·65	70·99	72·15	70·90
26	73·99	76·99	75·07	72·15	71·15	71·07	72·32	71·15	70·57	71·15	72·07	70·90
27	74·07	76·99	74·74	72·07	70·99	71·15	72·32	71·15	70·40	71·32	72·07	70·82
28	74·32	76·90	74·57	72·07	71·07	71·15	72·32	71·15	70·57	71·40	72·07	71·07
29	74·82	76·90	74·32	71·99	71·07	71·15	72·40	71·15	70·74	71·32	.....	71·57
30	75·24	76·82	74·15	71·90	71·07	71·24	72·24	71·15	70·82	71·15	.....	72·07
31	.....	76·82	.....	71·90	70·99	.....	72·24	.....	70·82	71·15	.....	72·90

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1905–06.

TABLE No. 535.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	73·74	72·07	73·90	72·07	71·32	70·24	70·32	70·90	70·99	70·24	71·82	71·07
2	73·99	72·24	73·82	72·07	71·40	70·24	70·24	70·90	70·82	70·24	71·74	70·99
3	74·07	72·49	73·74	71·90	71·40	70·32	70·24	70·90	70·82	70·24	71·74	70·90
4	73·99	72·74	73·57	71·82	71·32	70·32	70·24	70·82	70·74	70·32	71·65	70·82
5	73·99	72·90	73·40	71·82	71·32	76·32	70·24	70·74	70·74	70·32	71·57	70·74
6	74·07	73·15	73·24	71·74	71·24	70·40	70·15	70·65	70·65	70·32	71·57	70·74
7	74·15	73·32	73·32	71·65	71·24	70·40	70·07	70·74	70·65	70·40	71·49	70·65
8	74·07	73·40	73·32	71·57	71·15	70·32	69·99	70·74	70·57	70·49	71·40	70·57
9	73·65	73·65	73·24	71·49	71·07	70·32	69·99	70·74	70·32	70·65	71·32	70·49
10	73·49	73·90	73·24	71·40	71·07	70·24	69·99	70·74	70·24	71·74	71·24	70·40
11	73·32	74·07	73·15	71·32	71·15	70·24	69·82	70·65	70·24	70·90	71·15	70·32
12	73·40	74·24	73·15	71·32	71·07	70·24	70·15	70·74	70·24	70·82	71·15	70·32
13	73·40	74·49	73·15	71·32	70·99	70·32	70·15	70·90	70·24	70·90	71·15	70·32
14	73·32	74·57	73·15	71·40	70·90	70·24	70·15	70·74	70·32	70·82	71·07	70·32
15	73·15	74·65	73·15	71·40	70·82	70·32	70·15	70·65	70·32	70·82	70·99	70·24
16	72·99	74·74	73·07	71·40	70·90	70·15	70·15	70·74	70·32	70·82	70·99	70·24
17	72·82	74·74	72·99	71·40	70·82	70·15	70·07	70·74	70·24	70·65	70·90	70·24
18	72·74	74·74	72·99	71·49	70·74	70·07	70·24	70·74	70·24	70·32	70·82	70·24
19	72·57	74·90	72·99	71·49	70·65	70·15	70·40	70·65	70·15	70·24	70·74	70·32
20	72·49	74·82	72·99	71·49	70·65	70·40	70·57	70·57	70·15	70·32	70·65	70·07
21	72·40	74·82	72·99	71·49	70·65	70·40	70·57	70·57	70·15	70·24	70·65	70·07
22	72·40	74·82	72·99	71·40	70·65	70·49	70·74	70·49	70·15	70·24	70·65	70·07
23	72·32	74·74	72·90	71·40	70·57	70·57	70·74	70·49	70·15	70·24	70·90	70·07
24	72·15	74·82	72·74	71·40	70·57	70·57	70·82	70·49	70·07	70·82	70·90	70·07
25	72·07	74·74	72·57	71·32	70·49	70·49	70·90	70·49	70·07	71·65	70·90	69·99
26	71·99	74·65	72·49	71·32	70·49	70·40	70·90	70·40	70·07	71·82	70·99	70·90
27	71·99	74·49	72·40	71·24	70·40	70·40	70·99	70·32	70·07	72·15	71·07	70·90
28	71·99	74·40	72·40	71·15	70·32	70·40	70·99	70·57	70·07	72·07	71·15	70·90
29	71·90	74·24	72·32	71·15	70·32	70·32	70·99	70·90	70·15	72·07	.....	71·49
30	71·99	74·07	72·15	71·24	70·24	70·32	70·99	70·82	70·24	71·99	.....	71·90
31	.....	73·99	.....	71·24	70·24	.....	70·99	.....	70·24	71·90	.....	71·99

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1906–07.

TABLE No. 536.

1	71·82	73·40	74·24	73·32	70·74	69·65	69·15	69·65	69·90	70·15	70·82	71·82
2	72·65	73·40	74·24	73·24	70·74	69·65	69·07	69·65	70·07	70·07	70·82	71·82
3	72·57	73·49	74·07	73·15	70·74	69·65	69·07	69·65	70·32	69·99	70·82	71·74
4	72·57	73·57	73·90	73·07	70·74	69·57	69·07	69·65	70·15	69·90	70·82	71·65
5	72·65	73·65	73·82	72·90	70·65	69·49	69·15	69·49	69·99	69·74	70·99	71·57
6	71·74	73·74	73·90	72·74	70·65	69·49	69·15	69·24	69·90	69·74	71·15	71·49
7	71·74	73·90	73·90	72·65	70·65	69·49	69·15	69·49	69·90	69·90	71·15	71·32
8	71·65	73·90	74·57	72·49	70·65	69·49	69·15	69·49	69·90	69·99	71·15	71·15
9	71·65	73·90	75·07	72·32	70·57	69·49	69·15	69·49	69·90	70·07	71·15	71·07
10	71·65	73·90	75·15	72·32	70·49	69·40	69·32	69·49	69·90	70·15	71·07	71·07
11	71·65	73·90	75·07	72·24	70·49	69·40	69·32	69·57	69·99	70·40	71·15	70·99
12	71·65	74·07	74·57	72·24	70·40	69·40	69·24	69·57	69·99	70·49	71·32	70·99
13	71·65	74·40	74·40	72·15	70·32	69·57	69·15	69·57	70·07	70·49	71·49	70·99
14	71·74	74·82	74·32	71·90	70·32	69·40	69·15	69·57	70·15	70·49	71·57	70·90
15	71·82	74·82	74·24	71·82	70·24	69·40	69·15	69·49	70·24	70·32	71·57	70·82
16	72·07	74·90	74·15	71·74	70·32	69·40	69·24	69·57	70·24	70·24	71·65	70·74
17	72·15	74·90	74·15	71·65	70·24	69·24	69·32	69·49	70·15	70·15	71·40	70·74
18	72·15	74·90	74·07	71·57	70·15	69·24	69·32	69·49	70·07	69·99	71·24	70·65
19	72·15	74·99	73·99	71·49	70·07	69·24	69·32	69·49	70·15	69·99	71·07	70·74
20	72·15	74·99	73·90	71·40	70·07	69·24	69·49	69·49	70·07	70·07	71·07	70·74
21	72·24	74·99	73·90	71·24	70·07	69·24	69·49	69·49	69·65	70·07	71·15	70·82
22	72·49	74·90	73·90	71·24	70·07	69·24	69·49	69·49	70·15	70·24	71·24	70·82
23	72·74	74·82	73·82	71·24	70·07	69·24	69·49	69·65	70·15	70·40	71·07	70·82
24	72·90	74·74	73·82	71·15	70·07	69·24	69·49	69·65	70·15	70·57	71·74	70·90
25	73·07	74·74	73·82	71·07	69·99	69·15	69·57	69·57	70·07	70·57	71·82	70·99
26	73·15	74·65	73·65	70·99	69·90	69·07	69·57	69·57	70·07	70·65	71·90	71·32
27	73·24	74·65	73·65	70·99	69·90	69·15	69·40	69·65	70·07	70·65	71·90	71·99
28	73·40	74·57	73·49	70 90	69·82	69·07	69·40	70·74	70·07	70·65	71·90	72·32
29	73·40	74·49	73·49	70·90	69·74	68·99	69·57	70·74	70·07	70·74	.....	72·74
30	73·40	74·40	73·40	70·99	69·74	68·99	69·49	69·82	69·99	70·74	.....	73·49
31	.....	74·32	.....	70·82	69·82	.....	69·57	.....	69·82	70·74	.....	74·40

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1907–08.

TABLE No. 537.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	74·99	72·57	74·99	73·57	71·74	70·49	71·32	71·24	71·40	71·99	71·15	70·90
2	74·90	73·07	75·07	73·65	71·74	70·49	71·24	71·32	71·40	71·74	71·15	70·82
3	74·82	74·40	75·07	73·65	71·74	70·40	71·15	71·32	71·40	71·57	71·24	70·74
4	74·74	74·65	74·99	73·57	71·74	70·40	71·15	71·40	71·49	71·24	71·32	70·65
5	74·49	74·65	74·90	73·49	71·65	70·49	71·24	71·57	71·24	71·32	71·40	70·49
6	74·07	74·65	74·99	73·40	71·65	70·49	71·15	71·65	71·24	71·57	71·49	70·57
7	73·57	74·65	75·07	73·40	71·65	70·40	71·07	71·82	71·15	71·57	71·49	70·65
8	73·49	74·57	74·99	73·32	71·65	70·40	71·24	72·40	71·15	71·57	71·49	70·74
9	72·99	74·40	74·99	73·24	71·65	70·32	71·24	72·74	71·07	71·49	71·40	69·74
10	72·99	74·32	74·90	73·15	71·57	70·32	71·24	72·90	71·15	71·49	71·40	69·82
11	72·82	74·15	74·82	72·99	71·49	70·32	71·24	73·07	71·57	71·49	71·65	69·82
12	72·65	74·07	74·90	72·82	71·40	70·32	71·32	72·99	71·74	71·57	71·57	69·74
13	72·49	73·99	74·90	72·82	71·32	70·40	71·32	72·74	71·82	71·65	71·40	69·74
14	72·74	73·90	74·90	72·74	71·32	70·40	71·32	72·90	72·07	71·65	71·24	69·74
15	73·07	73·99	74·82	72·57	71·15	70·40	71·40	72·65	71·90	71·74	70·99	69·74
16	72·99	74·07	74·74	72·49	71·15	70·49	71·40	72·57	71·65	71·74	70·99	69·82
17	72·82	74·15	74·65	72·49	71·15	70·65	71·49	72·40	71·65	72·07	70·90	69·90
18	72·82	74·24	74·49	72·40	70·99	70·65	71·57	72·24	71·57	71·99	71·07	70·32
19	72·82	74·15	74·40	72·32	70·90	70·74	71·49	72·15	71·49	72·82	71·32	70·49
20	72·74	74·15	74·32	72·24	70·90	70·74	71·49	72·07	71·40	71·57	71·57	70·57
21	72·74	75·40	74·24	72·15	70·90	70·82	71·49	72·07	71·32	71·40	71·82	70·15
22	72·57	75·65	74·07	72·07	70·82	70·82	71·40	71·90	71·24	71·40	71·82	70·24
23	72·49	75·82	73·99	72·07	70·74	70·82	71·49	71·90	71·40	71·40	71·74	70·24
24	72·40	75·99	73·82	71·99	70·57	70·90	71·40	71·90	71·32	71·07	71·65	70·24
25	72·49	75·99	73·74	71·99	70·57	71·07	71·40	71·82	71·24	71·40	71·90	70·24
26	72·57	75·90	73·74	71·99	70·65	71·07	71·32	71·74	71·24	71·15	71·74	70·40
27	72·49	75·82	73·74	71·99	70·65	71·07	71·32	71·74	71·15	71·07	71·49	70·57
28	72·40	75·82	73·57	71·90	70·57	70·99	71·32	71·65	71·24	70·99	71·07	71·74
29	72·32	75·65	73·49	71·82	70·57	71·15	71·32	71·65	71·49	71·07	70·99	71·90
30	72·74	75·49	73·49	71·82	70·49	71·32	71·32	71·40	71·99	71·07	.....	72·15
31	.....	75·32	.....	71·74	70·49	.....	71·24	.....	71·49	71·15	.....	72·24

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1908–09.

TABLE No. 538.

1	72·65	76·07	77·74	73·40	71·32	69·99	69·15	69·07	69·32	70·15	70·32	70·99
2	72·74	76·74	77·74	73·24	71·24	69·99	69·15	68·90	69·57	70·07	70·32	70·99
3	72·65	77·07	77·57	73·15	71·15	69·99	69·15	68·90	69·82	70·07	70·40	70·99
4	72·65	77·57	77·49	73·07	71·15	69·82	69·07	69·07	69·90	69·99	70·40	70·99
5	72·57	77·74	77·49	72·99	70·99	69·82	69·07	69·07	69·99	69·90	70·40	70·90
6	72·65	77·65	77·40	72·82	71·07	69·74	69·07	68·90	70·15	69·99	70·40	71·07
7	72·74	77·49	77·32	72·82	70·99	69·74	68·99	68·99	69·99	70·07	70·40	71·07
8	73·49	77·65	77·24	72·74	70·99	69·65	68·99	68·99	69·90	70·24	70·40	70·99
9	73·65	77·99	77·07	72·65	70·90	69·65	68·99	68·99	69·90	70·24	70·40	70·99
10	73·57	78·24	76·90	72·65	70·82	69·57	68·99	68·99	69·90	70·24	70·49	70·99
11	73·74	78·49	76·57	72·57	70·82	69·57	69·07	68·99	69·90	70·24	70·49	70·90
12	74·07	78·74	76·32	72·49	70·74	69·57	68·99	69·07	69·90	70·15	70·40	70·82
13	74·65	78·82	76·07	72·40	70·74	69·57	68·90	69·07	69·90	70·15	70·49	70·82
14	74·82	78·82	75·74	72·40	70·74	69·57	68·90	68·99	69·90	70·07	70·49	70·74
15	74·82	78·90	75·57	72·40	70·74	69·57	68·90	69·07	69·90	70·07	70·57	70·65
16	74·82	78·90	75·49	72·32	70·65	69·57	68·90	68·90	69·90	69·99	70·65	70·65
17	74·40	78·90	75·32	72·15	70·57	69·49	68·82	68·99	69·90	70·07	70·74	70·49
18	74·15	78·90	75·15	72·24	70·65	69·49	68·82	68·99	69·90	70·07	70·82	70·49
19	73·99	78·90	74·99	72·15	70·49	69·49	68·90	68·90	69·90	70·07	70·82	70·49
20	73·90	78·82	74·90	72·15	70·49	69·49	68·82	68·99	69·90	70·15	70·74	70·40
21	73·90	78·74	74·74	72·07	70·40	69·40	68·82	68·99	69·90	70·15	70·57	70·40
22	73·82	78·57	74·57	72·07	70·40	69·32	68·74	68·99	69·99	70·07	70·49	70·32
23	73·74	78·49	74·49	71·99	70·32	69·32	68·82	68·99	69·99	70·07	70·40	70·32
24	73·74	78·40	74·32	71·90	70·24	69·40	68·82	68·90	69·90	70·07	70·49	70·32
25	73·82	78·32	74·15	71·82	70·24	69·32	68·82	68·99	69·90	70·07	70·57	70·32
26	73·90	78·24	74·07	71·74	70·24	69·32	68·82	69·07	69·99	70·07	70·65	70·32
27	73·90	78·15	73·90	71·65	70·24	69·32	68·82	69·15	69·99	70·07	70·99	70·40
28	73·99	78·07	73·82	71·57	70·15	69·24	68·82	69·15	69·99	70·07	70·99	70·57
29	74·15	77·99	73·65	71·57	70·15	69·24	68·90	69·24	70·07	70·07	.....	70·65
30	75·49	77·82	73·65	71·49	70·07	69·15	68·99	69·24	70·15	70·15	.....	70·82
31	.....	77·74	.....	71·49	69·99	.....	69·07	.....	70·15	70·15	.....	71·07

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1909–10.

TABLE No. 539.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·32	75·90	79·24	73·49	.....	71·24	71·32	70·82	71·32	70·90	70·74	70·07
2	71·49	75·90	78·99	73·40	.....	71·32	71·32	70·82	71·32	70·90	70·74	70·07
3	71·57	76·40	78·82	73·49	.....	71·15	71·24	70·82	71·40	70·90	70·65	70·07
4	71·74	76·57	78·57	73·24	.....	71·15	71·24	70·90	71·32	70·82	70·65	70·15
5	72·07	76·49	78·32	73·07	.....	71·40	71·24	70·90	71·32	70·82	70·65	70·32
6	72·49	76·32	77·99	72·99	.....	71·15	71·24	70·82	71·32	70·82	70·65	70·65
7	72·49	76·07	77·74	72·82	.....	71·15	71·32	70·82	71·32	70·82	70·65	70·99
8	74·07	75·99	77·32	72·82	.....	71·15	71·32	70·90	71·32	70·74	71·07	71·40
9	74·90	75·99	77·07	72·74	.....	71·15	71·32	70·82	71·32	70·65	70·57	71·74
10	75·32	75·90	76·82	72·57	.....	71·15	71·32	70·82	71·32	70·65	70·57	71·74
11	75·49	76·40	76·49	72·49	.....	71·24	71·24	70·82	71·57	70·57	70·57	71·74
12	74·74	76·90	76·24	72·32	.....	71·24	71·24	70·82	71·49	70·57	70·49	71·57
13	74·32	77·49	75·90	72·32	.....	71·24	71·15	70·82	71·40	70·57	70·49	71·07
14	74·74	77·82	75·74	72·24	.....	71·24	71·07	70·82	71·32	70·57	70·49	70·99
15	75·32	77·99	75·57	72·15	.....	71·32	71·07	70·82	71·24	70·57	70·40	70·90
16	75·32	78·07	75·32	72·07	.....	71·32	70·99	70·82	71·15	70·57	70·40	70·90
17	75·40	78·24	75·07	71·99	.....	71·24	71·15	70·90	71·15	70·57	70·32	70·82
18	75·49	78·49	75·15	71·90	.....	71·32	70·90	70·90	71·07	70·57	70·32	70·74
19	75·65	78·57	74·90	71·90	.....	71·24	70·90	70·90	71·15	70·57	70·40	70·65
20	75·82	78·82	74·65	71·90	.....	71·24	70·90	70·90	71·15	70·57	70·40	71·32
21	75·82	78·99	74·49	71·90	.....	71·32	70·82	70·90	71·15	70·49	70·32	70·82
22	75·82	79·15	74·40	71·82	.....	71·32	70·82	70·99	71·15	70·57	70·24	71·15
23	75·82	79·24	74·32	71·82	.....	71·32	70·90	71·32	71·15	70·74	70·15	71·65
24	75·90	79·32	74·32	71·82	.....	71·40	70·99	71·24	71·15	70·90	70·15	72·07
25	75·65	79·32	74 15	71·99	.....	71·32	70·90	71·49	71·07	70·99	70·15	72·49
26	75·74	79·32	74·07	71·90	.....	71·32	70·90	71·40	71·07	70·99	70·15	72·74
27	75·65	79·32	73·90	71·99	.....	71·32	70·90	71·24	70·99	70·99	70·15	72·82
28	75·65	79·40	73·74	72·24	.....	71·32	70·90	71·15	70·99	70·99	70·15	72·74
29	75·57	79·57	73·74	72·57	.....	71·32	71·07	71·24	70·99	70·90	.....	72·74
30	75·49	79·57	73·57	72·74	.....	71·32	70·90	71·24	70·99	70·90	.....	72·82
31	.....	79·40	.....	73·07	.....	.....	70·90	.....	70·99	70·82	.....	72·90

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1910–11.

TABLE No. 540.

1	73·15	74·99	72·90	71·99	70·40	70·32	69·82	70·82	70·99	70·24	70·90	70·32
2	73·49	74·99	72·90	71·90	70·40	70·40	69·90	70·82	70·99	70·32	71·24	70·15
3	73·65	75·07	72·99	71·90	70·40	70·49	69·90	70·82	71·07	70·24	71·57	70·07
4	73·82	74·99	73·07	71·82	70·32	70·49	69·82	70·82	71·07	70·24	71·74	69·99
5	73·90	74·99	72·99	71·74	70·49	70·49	69·90	70·90	70·99	70·24	71·82	69·99
6	73·99	74·99	73·32	71·65	70·40	70·49	69·99	70·90	70·90	70·24	71·90	69·90
7	73·99	74·90	73·40	71·57	70·40	70·74	69·99	70·90	70·74	70·24	71·99	69·90
8	74·15	74·74	73·57	71·57	70·32	70·74	70·40	70·90	70·49	70·24	72·07	69·90
9	74·32	74·57	73·57	71·49	70·32	70·74	70·74	70·90	70·49	70·32	72·15	69·90
10	74·49	74·49	73·57	71·40	70·24	70·57	70·90	70·90	70·40	70·32	72·07	69·90
11	74·57	74·24	73·57	71·40	70·40	70·49	70·82	70·99	70·40	70·32	71·74	69·90
12	74·65	74·07	73·57	71·32	70·49	70·49	70·99	70·99	70·40	70·24	71·74	69·90
13	74·57	73·99	73·57	71·49	70·40	70·40	70·90	71·07	70·49	70·24	71·82	69·82
14	74·49	73·90	73·49	71·32	70·40	70·40	70·99	71·07	70·49	70·24	71·82	69·82
15	74·32	73·74	73·40	71·15	70·32	70·40	70·99	71·07	70·49	70·32	71·90	69·82
16	74·15	73·65	73·32	71·15	70·40	70·32	70·99	71·07	70·49	70·49	71·82	69·82
17	74·07	73·57	73·24	71·07	70·32	70·32	70·99	71·07	70·57	70·57	71·90	69·82
18	74·07	73·40	73·24	70·99	70·32	70·32	70·99	70·99	70·57	70·49	71·90	69·90
19	73·99	73·49	73·15	70·90	70·40	70·24	70·99	70·90	70·57	70·40	71·90	69·99
20	73·99	73·32	73·07	70·90	70·32	70·24	70·90	70·90	70·49	70·49	71·82	69·99
21	73·99	73·15	72·99	70·82	70·32	70·24	70·90	70·82	70·49	70·57	71·57	69·99
22	74·07	73·15	72·82	70·82	70·32	70·15	70·82	70·90	70·40	70·32	71·24	69·99
23	74·15	73·15	72·82	70·74	70·32	70·07	70·90	70·82	70·32	70·32	70·90	69·99
24	74·24	73·07	72·74	70·74	70·40	70·07	70·74	70·82	70·57	70·32	70·74	69·99
25	74·24	73·07	72·57	70·65	70·40	70·15	70·74	70·90	70·74	70·24	70·65	69·99
26	74·40	73·07	72·49	70·65	70·49	69·99	70·82	70·90	70·90	70·24	70·65	69·99
27	74·57	72·90	72·32	70·40	70·40	69·99	70·74	70·90	70·74	70·24	70·57	69·99
28	74·82	72·90	72·32	70·40	70·32	69·99	70·82	70·90	70·49	70·32	70·40	70·07
29	74·82	72·82	72·15	70·49	70·32	69·99	70·82	70·90	70·32	70·40	.....	70·07
30	74·90	72·82	72·07	70·49	70·32	69·90	70·82	70·99	70·32	70·49	.....	70·15
31	.....	72·90	.....	70·49	70·32	.....	70·74	.....	70·32	70·74	.....	70·24

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1911–12.

TABLE No. 541.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·40	74·15	74·99	72·57	70·40	69·99	69·40	69·24	70·57	71·74	70·65	71·65
2	70·57	74·65	74·90	72·57	70·40	69·99	69·40	69·40	70·57	71·82	70·65	71·65
3	70·65	75·07	74·74	72·49	70·49	69·99	69·40	69·49	70·65	71·90	70·57	71·65
4	70·57	75·24	74·65	72·40	70·40	69·90	69·40	69·32	70·65	71·07	70·65	71·65
5	70·57	75·40	74·49	72·32	70·40	69·82	69·49	69·32	70·57	71·07	70·74	71·65
6	70·65	75·74	74·40	72·15	70·32	70·07	69·40	69·32	70·49	71·15	70·82	71·65
7	70·74	75·90	74·40	72·15	70·32	69·90	69·32	69·40	70·49	71·15	70·90	71·57
8	70·99	75·90	74·40	71·99	70·24	69·90	69·32	69·57	70·49	71·15	70·99	71·57
9	71·24	76·07	74·24	71·90	70·24	69·90	69·32	69·49	70·49	71·24	70·99	71·49
10	72·57	76·15	74·15	71·82	70·40	69·82	69·24	69·57	70·65	71·24	71·07	71·32
11	73·57	76·15	73·99	71·74	70·49	69·74	69·24	69·65	70·74	71·15	71·49	71·32
12	73·82	76·24	73·99	71·65	70·49	69·99	69·24	69·65	70·90	70·99	71·57	71·24
13	73·90	76·07	73·82	71·57	70·57	69·74	69·32	69·90	71·40	71·49	71·57	71·15
14	74·32	76·07	73·99	71·40	70·65	69·65	69·24	69·74	71·57	71·49	71·57	71·15
15	74·49	75·90	73·99	71·07	70·65	69·49	69·24	69·90	71·74	71·32	71·49	71·15
16	74·65	75·74	73·99	70·99	70·82	69·65	69·15	70·15	71·90	71·15	71·40	71·15
17	73·07	75·57	73·99	71·15	70·57	69·65	69·15	70·07	71·57	71·15	71·32	71·15
18	73·07	75·40	73·90	71·07	70·49	69·57	69·24	70·15	71·49	71·07	71·15	70·99
19	72·24	75·24	73·74	70·99	70·49	69·57	69·32	70·24	71·40	70·99	70·82	70·90
20	72·07	75·07	73·82	70·90	70·49	69·57	69·32	70·15	71·40	70·90	70·65	69·82
21	72·24	74·90	73·74	70·90	70·32	69·57	69·32	70·24	71·40	70·90	70·65	69·82
22	72·40	74·74	73·49	70·90	70·32	69·57	69·32	70·24	71·32	70·90	71·12	69·82
23	72·57	74·65	73·40	70·74	70·32	69·49	69·32	70·24	71·24	70·90	71·15	69·82
24	72·82	74·65	73·24	70·82	70·32	69·49	69·32	70·24	71·24	70·99	71·32	70·82
25	73·24	74·74	73·07	70·74	70·24	69·57	69·24	70·32	71·24	70·99	71·32	70·74
26	73·24	74·90	72·99	70·65	70·24	69·49	69·32	70·32	71·24	70·90	71·32	70·74
27	73·32	74·99	72·90	70·57	70·15	69·49	69·32	70·32	71·32	70·90	71·49	70·74
28	73·40	75·07	72·82	70·57	70·15	69·49	69·24	70·40	71·32	70·82	71·49	70·65
29	73·57	75·07	72·74	70·49	70·24	69·40	69·24	70·49	71·57	70·82	71·65	70·65
30	73·82	75·07	72·65	70·40	70·07	69·40	69·24	70·49	71·82	70·74	.....	70·65
31	.....	74·90	.....	.....	69·99	.....	69·24	.....	72·07	70·74	.....	70·57

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1912–13.

TABLE No. 542.

1	70·49	74·99	77·40	73·24	71·15	70·74	70·32	72·07	71·99	71·49	71·86	71·78
2	70·49	74·90	77·32	73·15	71·15	70·74	70·40	72·15	71·90	71·36	71·82	71·78
3	70·49	74·82	77·32	72·99	71·15	70·74	70·49	72·15	71·99	71·36	71·78	71·69
4	70·49	74·74	76·99	72·90	71·07	70·74	70·40	72·07	72·24	71·61	71·82	71·74
5	70·40	74·57	76·82	72·82	70·99	70·74	70·32	72·07	72·40	71·78	71·82	71·78
6	70·40	74·57	76·57	72·65	70·99	70·74	70·57	72·07	72·49	72·03	71·74	71·82
7	70·57	74·57	76·40	72·65	70·90	70·82	70·57	72·57	72·65	72·15	71·65	71·82
8	71·65	74·57	76·15	72·49	70·90	70·82	70·49	73·24	72·99	72·03	71·61	71·90
9	72·90	74·57	76·15	72·40	70·90	70·82	70·49	73·65	72·99	71·94	71·53	72·03
10	73·40	74·57	75·99	72·32	70·90	70·82	70·49	73·82	72·90	72·07	71·40	72·03
11	73·57	74·49	75·82	72·24	70·99	70·99	70·49	73·74	72·65	71·99	71·49	71·78
12	73·74	74·49	75·74	72·15	70·99	70·90	70·49	73·65	72·57	72·04	71·49	71·74
13	74·07	74·65	75·49	72·07	71·15	70·82	70·49	73·57	72·61	71·82	71·49	71·61
14	74·07	74·82	75·32	72·07	71·24	70·82	70·40	73·57	72·61	71·74	71·57	71·57
15	74·15	74·90	74·99	71·99	71·24	70·74	70·57	73·65	72·36	71·82	71·53	71·61
16	74·65	74·99	74·99	72·07	71·24	70·82	70·40	73·57	72·11	71·94	71·74	72·24
17	74·74	75·32	74·99	71·99	71·24	70·82	70·40	73·49	72·11	71·78	71·90	72·65
18	74·99	75·49	74·82	71·90	70·99	70·74	70·40	73·24	72·07	71·78	71·94	72·86
19	75·07	75·74	74·65	71·99	71·15	70·74	70·57	73·07	72·19	72·03	71·99	72·82
20	75·07	75·82	74·57	71·82	71·07	70·74	70·57	72·90	72·11	72·19	71·86	72·94
21	74·99	75·82	74·57	71·74	70·99	70·74	70·65	72·65	71·99	72·36	71·82	73·36
22	74·90	75·82	74·57	71·74	70·90	70·65	70·74	72·65	72·15	72·40	71·61	74·28
23	75·32	75·82	74·49	71·74	70·90	70·74	70·74	72·57	72·07	72·40	71·74	74·98
24	75·40	75·82	74·32	71·65	70·82	70·82	70·99	72·49	71·86	72·49	71·61	75·24
25	75·49	75·90	74·24	71·57	70·74	70·82	71·32	72·57	71·74	72·40	71·69	76·02
26	75·49	76·15	74·15	71·57	70·74	70·82	71·57	72·40	71·69	72·19	71·78	76·32
27	75·49	76·24	73·99	71·49	70·99	70·82	71·82	72·32	71·74	72·03	71·74	76·15
28	75·15	76·32	73·82	71·40	70·82	70·74	71·99	72·24	71·65	71·90	71·74	75·90
29	75·07	76·57	73·65	71·40	70·90	70·40	71·99	72·15	71·65	71·90	.....	75·57
30	74·99	76·90	73·49	71·49	70·90	70·40	72·15	72·32	71·65	71·99	.....	75·24
31	.....	77·24	.....	71·32	70·82	.....	72·15	.....	71·57	72·07	.....	75·11

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1913–14.

TABLE No. 543.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	75·57	75·69	73·95	71·49	70·61	69·99	69·94	71·82	72·32	71·07	70·94	71·86
2	75·94	75·87	73·82	71·40	70·57	69·99	70·03	71·61	72·40	71·15	70·99	71·69
3	75·94	76·12	73·65	71·32	70·50	70·03	70·15	71·61	72·40	71·15	70·99	71·53
4	75·82	76·32	73·57	71·24	70·45	70·07	70·07	71·61	72·40	71·28	71·07	71·36
5	75·94	76·53	73·43	71·24	70·40	70·03	70·03	71·57	72·36	71·53	70·94	71·19
6	76·11	76·61	73·32	71·15	70·35	69·99	69·99	71·49	72·32	71·57	70·82	71·15
7	76·03	76·74	73·24	71·11	70·40	69·99	69·99	71·36	72·32	71·40	70·86	71·11
8	75·94	76·61	73·03	70·99	70·29	69·99	69·99	71·32	72·32	71·19	70·99	70·90
9	75·82	76·57	72·95	70·99	70·24	69·95	69·94	71·32	72·36	71·03	71·11	70·82
10	75·61	76·44	72·86	71·03	70·24	69·90	69·90	71·27	72·24	70·99	71·24	70·74
11	75·53	76·20	72·82	70·94	70·19	69·86	69·82	71·44	72·19	70·99	71·24	70·74
12	75·53	75·99	72·82	70·90	70·15	69·82	69·82	71·57	72·15	71·11	71·32	70·74
13	75·53	75·78	72·74	70·86	70·15	69·82	69·78	71·57	72·07	71·23	71·65	70·74
14	75·49	75·69	72·74	70·86	70·11	69·78	69·74	71·65	71·90	71·49	71·90	70·74
15	75·36	75·44	72·65	70·82	70·07	69·74	69·74	71·74	71·94	71·44	72·11	70·74
16	75·31	75·32	72·65	70·82	70·07	69·74	69·74	71·78	72·15	71·36	72·28	70·69
17	75·20	75·16	72·61	70·82	70·03	69·74	69·78	71·86	72·11	71·32	72·53	70·69
18	75·15	75·07	72·53	70·82	69·99	69·74	69·82	71·90	71·94	71·24	72·65	70·74
19	75·15	74·95	72·49	70·82	69·99	69·74	69·90	71·94	71·82	71·15	72·65	70·74
20	75·32	74·70	72·40	70·90	69·99	69·69	69·99	72·07	71·94	71·24	72·61	70·78
21	75·24	74·49	72·40	70·86	69·99	69·61	70·15	72·15	71·78	71·24	72·57	70·82
22	75·24	74·40	72·28	70·82	69·90	69·69	70·61	72·15	71·61	71·24	72·49	70·94
23	75·24	74·36	72·24	70·82	70·07	69·82	70·82	72·19	71·53	71·32	72·49	71·07
24	75·20	74·20	72·15	70·90	69·99	69·82	70·99	72·15	71·40	71·57	72·57	70·99
25	75·15	74·15	72·03	70·86	69·99	69·86	71·24	72·15	71·40	71·40	72·57	70·99
26	75·15	73·99	71·99	70·82	69·95	69·90	71·53	72·15	71·28	71·24	72·44	70·94
27	75·20	73·95	71·90	70·69	69·99	69·90	71·61	72·15	71·15	71·19	72·40	71·15
28	75·28	74·20	71·79	70·65	69·99	69·99	71·57	72·19	71·28	71·24	72·11	71·65
29	75·44	74·32	71·70	70·65	69·99	69·90	71·69	72·24	71·24	71·19	.....	72·19
30	75·57	74·36	71·61	70·65	69·99	69·90	71·82	72·28	71·15	71·07	.....	72·53
31	.....	74·15	.....	70·65	69·99	.....	71·82	.....	71·07	70·86	.....	72·61

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1914–15.

TABLE No. 544.

1	72·65	73·53	72·19	71·65	70·32	69·36	69·03	69·15	69·86	69·74	69·74	70·11
2	72·78	73·57	72·07	71·65	70·24	69·40	68·99	69·15	69·94	69·65	69·74	70·07
3	72·82	73·57	71·99	71·65	70·19	69·40	68·94	69·19	70·11	69·65	69·82	70·07
4	72·74	73·57	71·90	71·57	70·15	69·40	68·90	69·24	70·32	69·65	69·86	69·99
5	72·65	73·65	71·86	71·61	70·15	69·32	68·90	69·32	70·40	69·65	69·82	69·90
6	72·53	73·69	71·82	71·57	70·07	69·32	68·86	69·32	70·53	69·65	69·78	69·82
7	72·36	73·74	71·69	71·57	69·99	69·32	68·82	69·32	70·53	69·74	69·65	69·74
8	72·11	73·74	71·65	71·53	69·94	69·32	68·82	69·40	70·49	69·74	69·57	69·65
9	71·94	73·74	71·65	71·49	69·86	69·32	68·82	69·40	70·49	69·86	69·57	69·57
10	71·78	73·82	71·65	71·44	69·82	69·32	68·82	69·32	70·49	69·94	69·57	69·57
11	71·61	73·90	71·61	71·40	69·82	69·32	68·82	69·32	70·44	69·99	69·49	69·57
12	71·61	73·86	71·57	71·32	69·78	69·32	68·82	69·36	70·28	69·99	69·57	69·57
13	71·57	73·82	71·57	71·24	69·78	69·32	68·86	69·32	70·15	69·99	69·57	69·49
14	71·49	73·82	71·49	71·19	69·82	69·32	68·90	69·32	70·15	69·99	69·49	69·49
15	71·36	73·78	71·49	71·15	69·78	69·32	68·99	69·44	70·07	69·99	69·49	69·49
16	71·24	73·74	71·44	71·07	69·74	69·32	69·07	69·69	70·11	69·99	69·49	69·49
17	71·24	73·65	71·36	71·03	69·65	69·32	69·11	69·82	70·07	69·90	69·49	69·49
18	71·32	73·53	71·32	70·99	69·65	69·32	69·15	70·03	69·99	69·90	69·49	69·49
19	71·53	73·44	71·28	70·86	69·65	69·28	69·15	69·99	69·94	69·90	69·49	69·49
20	71·82	73·36	71·32	70·82	69·61	69·24	69·15	69·99	69·86	69·90	69·49	69·49
21	72·19	73·19	71·28	70·74	69·57	69·15	69·19	69·94	69·82	69·90	69·49	69·49
22	72·40	73·07	71·36	70·69	69·57	69·15	69·24	69·90	69·82	69·90	69·40	69·49
23	72·40	72·99	71·40	70·65	69·57	69·15	69·24	69·94	69·86	69·90	69·40	69·61
24	72·40	72·69	71·49	70·65	69·53	69·15	69·32	69·99	69·94	69·90	69·44	69·82
25	72·49	72·57	71·61	70·65	69·44	69·15	69·24	69·94	69·86	69·90	69·65	70·24
26	72·61	72·49	71·65	70·61	69·40	69·15	69·19	69·90	69·78	69·82	69·94	70·61
27	72·78	72·40	71·65	70·57	69·40	69·15	69·19	69·94	69·74	69·82	70·07	70·78
28	73·03	72·36	71·57	70·53	69·40	69·11	69·15	69·90	69·74	69·82	70·15	70·74
29	73·19	72·32	71·61	70·49	69·36	69·07	69·15	69·86	69·79	69·82	.....	70·61
30	73·40	72·32	71·65	70·49	69·57	69·07	69·24	69·82	69·74	69·82	.....	70·44
31	.....	72·15	.....	70·36	69·57	.....	69·24	.....	69·74	69·78	.....	70·28

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1870.

TABLE No. 545.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·24	70·66	70·58
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·24	70·66	70·41
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·41	70·66	70·24
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·41	70·66	70·08
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·41	70·66	69·91
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·49	70·66	69·83
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·83	70·66	69·74
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·83	70·83	69·66
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·83	70·49	69·58
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·91	70·16	69·58
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·91	70·08	69·41
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	69·99	69·66	69·33
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·08	69·66	69·33
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·16	69·66	69·33
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·24	69·74	69·24
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·24	69·83	69·24
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·33	69·99	69·24
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·49	70·08	69·16
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·49	70·24	69·16
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·83	70·33	69·16
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·83	70·41	69·16
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·83	70·49	69·16
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·74	70·58	69·16
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·66	70·66	69·16
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·66	70·66	69·16
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·66	70·66	69·24
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·66	70·66	69·24
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·66	70·66	69·24
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·58	.....	69·24
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·58	.....	69·24
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·49	.....	69·24

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1870–71.

TABLE No. 546.

1	69·24	74·99	71·33	69·83	69·58	69·16	68·49	68·74	69·08	69·33	69·16	68·24
2	69·91	74·91	71·24	69·74	69·58	69·08	68·49	68·83	68·99	69·33	69·16	68·33
3	69·41	74·83	71·16	69·74	69·58	69·08	68·58	68·91	68·99	69·33	69·16	68·33
4	69·58	74·74	71·08	69·74	69·58	68·99	68·66	68·99	68·91	69·24	69·16	68·41
5	69·83	74·66	70·99	69·74	69·58	68·99	68·74	68·99	68·83	69·24	69·24	68·49
6	71·08	74·58	70·91	69·74	69·58	68·91	68·66	68·91	68·83	69·24	69·24	68·58
7	71·33	74·49	70·91	69·74	69·49	68·91	68·58	68·91	68·74	69·24	69·41	68·66
8	71·49	74·41	70·91	69·74	69·49	68·91	68·58	68·91	68·74	69·24	69·41	68·74
9	72·08	74·24	70·83	69·83	69·49	68·91	68·58	68·91	68·66	69·24	69·41	68·83
10	72·49	74·16	70·83	69·83	69·49	68·91	68·58	68·83	68·66	69·24	69·41	69·08
11	72·83	73·99	70·74	69·83	69·41	68·91	58·58	68·91	68·74	69·24	69·41	69·41
12	73·16	73·83	70·74	69·83	69·41	68·83	68·58	68·91	68·74	69·24	69·41	69·74
13	73·41	73·66	70·74	69·83	69·41	68·83	68·58	68·99	68·83	69·24	69·41	70·16
14	73·58	73·49	70·58	69·83	69·33	68·83	68·58	68·99	68·83	69·16	69·41	70·83
15	73·74	73·33	70·58	69·74	69·33	68·74	68·58	68·99	68·91	69·16	69·49	70·91
16	73·91	73·16	70·49	69·74	69·33	68·74	68·58	68·99	68·91	69·16	69·49	70·74
17	74·08	72·99	70·49	69·74	69·24	68·74	68·58	68·99	68·99	69·08	68·99	70·58
18	74·16	72·83	70·41	69·74	69·24	68·66	68·58	68·91	68·99	68·99	68·83	70·41
19	74·33	72·66	70·41	69·74	69·24	68·66	68·58	68·91	69·08	68·99	68·66	70·41
20	74·41	72·49	70·33	69·74	69·24	68·66	68·58	68·83	69·08	68·99	68·49	70·33
21	74·58	72·41	70·24	69·74	69·16	68·66	68·58	68·83	69·08	68·99	68·41	70·33
22	74·66	72·16	70·24	69·74	69·16	68·66	68·58	68·74	69·16	69·08	68·41	70·24
23	74·83	71·99	70·16	69·74	69·16	68·66	68·58	68·74	69·16	69·08	68·41	70·24
24	74·83	71·91	70·16	69·74	69·16	68·66	68·66	68·66	69·24	69·08	68·33	70·16
25	74·91	71·74	70·08	69·66	69·16	68·66	68·66	68·74	69·24	69·08	68·33	70·08
26	74·91	71·66	69·99	69·66	69·16	68·66	68·74	68·83	69·33	69·08	68·24	69·99
27	74·99	71·58	69·99	69·66	69·16	68·58	68·74	68·91	69·33	69·16	68·24	69·91
28	74·99	71·49	69·91	69·66	69·16	68·58	68·74	68·99	69·33	69·16	68·24	69·83
29	74·99	71·41	69·91	69·66	69·16	68·49	68·74	68·99	69·33	69·16	.....	69·66
30	74·99	71·33	69·83	69·66	69·16	68·49	68·74	68·99	69·33	69·16	.....	69·66
31	.....	71·33	.....	69·66	69·16	.....	68·74	.....	69·33	69·16	.....	69·66

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1871–72.

TABLE No. 547.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·66	72·24	71·41	69·74	68·91	68·41	67·83	67·58	67·58	67·99	67·91	67·66
2	69·66	72·33	71·33	69·74	68·91	68·41	67·74	67·58	67·58	67·91	67·91	67·66
3	69·66	72·49	71·24	69·66	68·83	68·33	67·83	67·58	67·66	67·91	67·91	67·66
4	69·66	72·66	71·16	69·66	68·83	68·33	67·83	67·49	67·74	67·91	67·91	67·66
5	69·74	72·83	71·08	69·58	68·83	68·24	67·83	67·49	67·83	67·99	67·99	67·66
6	69·83	72·99	70·99	69·58	68·74	68·24	67·83	67·49	67·83	67·99	67·74	67·74
7	69·91	73·16	70·91	69·49	68·74	68·24	67·83	67·41	67·91	67·99	67·74	67·74
8	69·99	73·33	70·91	69·49	68·74	68·24	67·83	67·41	67·91	67·91	67·74	68·24
9	70·08	73·49	70·83	69·41	68·66	68·16	67·83	67·41	67·99	67·91	67·74	67·74
10	70·16	73·49	70·74	69·41	68·66	68·16	67·83	67·41	67·99	67·99	67·66	67·66
11	70·24	73·41	70·66	69·33	68·66	68·16	67·74	67·33	68·08	67·99	67·66	67·66
12	70·33	73·33	70·66	69·33	68·58	68·16	67·74	67·33	68·08	67·91	67·49	67·66
13	70·41	73·24	70·58	69·33	68·58	68·08	67·74	67·33	68·16	67·91	67·49	67·66
14	70·49	73·08	70·49	69·24	68·49	68·08	67·74	67·24	68·16	67·83	67·41	67·58
15	70·58	72·91	70·49	69·24	68·49	68·08	67·74	67·24	68·16	67·91	67·41	67·58
16	70·66	72·74	70·49	69·16	68·49	68·08	67·66	67·24	68·16	67·91	67·16	67·58
17	70·74	72·58	70·41	69·16	68·49	67·99	67·66	67·24	68·16	67·99	66·91	67·66
18	70·83	72·41	70·41	69·16	68·49	67·99	67·66	67·24	68·16	67·99	66·16	67·66
19	70·91	72·33	70·33	69·16	68·49	67·99	67·66	67·24	68·24	68·08	66·16	67·66
20	70·99	72·24	70·24	69·16	68·49	67·99	67·66	67·33	68·24	68·08	66·16	67·66
21	71·08	72·16	70·16	69·08	68·58	67·99	67·66	67·33	68·24	67·99	66·16	67·66
22	71·16	72·08	70·16	69·08	68·58	67·99	67·66	67·41	68·33	67·99	66·24	67·74
23	71·33	71·99	70·08	69·08	68·66	67·99	67·58	67·41	68·33	67·91	66·33	67·74
24	71·41	71·91	70·08	69·08	68·74	67·91	67·58	67·49	68·41	67·91	66·49	67·74
25	71·49	71·83	69·99	68·99	68·83	67·91	67·58	67·49	68·49	67·91	66·66	67·74
26	71·83	71·74	69·99	68·99	68·83	67·91	67·58	67·58	68·41	67·91	67·16	67·74
27	71·83	71·66	69·91	68·99	68·74	67·91	67·66	67·58	68·41	67·91	67·41	67·66
28	71·91	71·58	69·91	68·99	68·66	67·83	67·66	67·58	68·33	67·91	67·66	67·66
29	71·99	71·58	69·91	68·91	68·74	67·83	67·66	67·58	68·33	67·91	67·66	67·66
30	72·16	71·49	69·83	68·91	68·49	67·83	67·58	67·58	68·33	67·91	.....	67·66
31	.....	71·49	.....	68·91	68·41	.....	67·58	.....	68·24	67·91	.....	67·66

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1872–73.

TABLE No. 548.

1	67·74	69·24	71·08	68·66	67·91	67·49	67·83	68·16	68·08	67·41	68·83	67·83
2	67·83	69·41	70·99	68·66	67·91	67·49	67·83	68·16	68·16	67·41	68·99	67·83
3	67·91	69·66	70·99	68·58	67·91	67·41	67·74	68·16	68·16	67·49	69·08	67·83
4	67·99	69·83	70·91	68·49	67·91	67·41	67·66	68·16	68·16	67·49	69·16	67·83
5	68·08	69·99	70·91	68·49	67·91	67·41	67·74	68·16	68·33	67·49	69·24	67·91
6	68·16	70·08	70·83	68·49	67·91	67·41	67·83	68·16	68·41	67·58	69·16	67·91
7	68·24	70·24	70·83	68·41	67·83	67·41	67·99	68·16	68·58	67·58	69·08	67·91
8	68·33	70·41	70·74	68·41	67·83	67·49	68·24	68·16	68·66	67·58	68·99	67·99
9	68·41	70·33	70·74	68·41	67·83	67·49	68·49	68·08	68·83	67·66	68·91	67·99
10	68·49	70·49	70·66	68·41	67·74	67·49	68·49	68·08	69·08	67·66	68·83	68·08
11	68·58	70·58	70·66	68·33	67·74	67·49	68·49	68·08	69·24	67·74	68·74	68·08
12	68·66	70·74	70·58	68·33	67·74	67·49	68·49	68·08	69·33	67·74	68·74	68·08
13	68·66	70·91	70·58	68·33	67·66	67·49	68·41	68·08	69·49	67·74	68·66	68·16
14	68·66	71·08	70·49	68·33	67·66	67·49	68·41	68·08	69·49	67·83	68·66	68·16
15	68·74	71·24	70·49	68·24	67·66	67·49	68·33	68·08	69·49	67·83	68·58	68·16
16	68·83	71·41	70·41	68·24	67·66	67·49	68·33	68·08	69·49	67·91	68·49	68·16
17	68·74	71·58	70·41	68·24	67·58	67·49	68·33	67·99	69·33	67·91	68·49	68·24
18	68·66	71·66	70·33	68·24	67·58	67·66	68·33	67·99	68·99	67·99	68·41	68·24
19	68·49	71·66	70·33	68·24	67·58	67·74	68·33	67·99	68·66	67·99	68·33	68·24
20	68·49	71·58	70·08	68·16	67·49	67·83	68·24	67·99	68·58	67·99	68·24	68·24
21	68·58	71·58	69·99	68·16	67·49	67·91	68·24	67·99	68·24	68·08	68·16	68·24
22	68·58	71·49	69·83	68·16	67·49	67·91	68·24	67·99	67·91	68·08	68·16	68·33
23	68·66	71·49	69·66	68·16	67·58	67·91	68·24	67·99	67·74	68·16	68·08	68·33
24	68·74	71·41	69·58	68·16	67·58	67·91	68·24	67·91	67·66	68·16	68·08	68·33
25	68·74	71·41	69·49	68·08	67·66	67·91	68·16	67·91	67·58	68·24	67·99	68·41
26	68·83	71·33	69·33	68·08	67·66	67·91	68·16	67·99	67·49	68·33	67·91	68·49
27	68·91	71·33	69·16	68·08	67·58	67·91	68·16	67·99	67·49	68·41	67·83	68·58
28	68·91	71·24	68·99	68·08	67·58	67·91	68·16	68·08	67·49	68·49	67·74	68·66
29	68·99	71·24	68·83	68·08	67·58	67·91	68·16	68·08	67·41	68·58	.....	68·74
30	69·08	71·16	68·74	68·08	67·49	67·91	68·16	68·16	67·41	68·58	.....	68·83
31	.....	71·08	.....	68·08	67·49	.....	68·16	.....	67·41	68·66	.....	68·99

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1873–74.

TABLE No. 549.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·08	71·49	73·66	70·24	69·33	68·33	68·16	69·16	68·33	69·66	70·41	69·66
2	69·08	71·58	73·49	70·24	69·33	68·33	68·08	69·16	68·33	69·66	70·41	69·66
3	69·16	71·66	73·33	70·24	69·24	68·33	68·16	69·08	68·41	69·74	70·41	69·66
4	69·16	71·74	73·16	70·16	69·16	68·33	68·33	69·08	68·91	69·74	70·41	69·74
5	69·33	71·83	72·99	70·16	69·08	68·33	68·41	69·08	69·66	69·83	70·49	69·74
6	69·49	71·91	72·91	70·16	69·08	68·24	68·58	68·99	69·66	69·83	70·49	69·83
7	69·74	71·99	72·74	70·08	68·99	68·24	68·66	68·99	69·58	69·91	70·49	69·83
8	70·08	72·16	72·58	70·08	68·99	68·24	68·66	68·99	69·41	69·99	70·49	69·91
9	70·41	72·33	72·49	69·99	68·91	68·24	68·74	68·91	69·33	69·99	70·49	69·99
10	70·58	72·41	72·41	69·99	68·91	68·24	68·74	68·91	69·16	70·08	70·41	69·99
11	70·74	72·58	72·24	69·91	68·91	68·24	68·74	68·83	68·99	70·16	70·24	70·08
12	70·91	72·74	72·16	69·91	68·83	68·16	68·83	68·83	69·08	70·24	70·16	70·08
13	71·08	72·91	72·08	69·83	68·83	68·16	68·83	68·83	68·83	70·33	70·08	70·16
14	71·41	72·99	71·91	69·83	68·83	68·16	68·83	68·83	69·08	70·41	69·99	70·16
15	71·74	73·16	71·83	69·74	68·74	68·16	68·83	68·74	69·58	70·41	69·83	70·24
16	71·91	73·24	71·74	69·74	68·74	68·16	68·83	68·74	69·16	70·49	69·66	70·33
17	72·08	73·33	71·66	69·66	68·74	68·08	68·83	68·74	68·91	70·49	69·58	70·33
18	72·16	73·41	71·49	69·66	68·66	68·08	68·83	68·74	68·74	70·58	69·49	70·41
19	72·24	73·49	71·33	69·66	68·66	68·08	68·91	68·66	68·66	70·58	69·41	70·49
20	72·24	73·58	71·41	69·58	68·66	68·08	68·91	68·66	69·24	70·66	69·33	70·58
21	72·16	73·66	71·16	69·58	68·58	68·08	68·99	68·66	69·49	70·66	69·24	70·66
22	72·08	73·66	71·08	69·58	68·58	68·08	68·99	68·58	69·58	69·99	69·16	70·66
23	71·99	73·58	70·99	69·58	68·58	68·08	68·99	68·58	69·58	69·66	69·16	70·58
24	71·91	73·58	70·91	69·49	68·49	68·08	68·99	68·49	69·66	69·49	69·16	70·58
25	71·83	73·58	70·83	69·49	68·49	68·08	69·08	68·49	69·66	69·83	69·24	70·49
26	71·66	73·66	70·74	69·49	68·49	68·16	69·08	68·41	69·58	70·16	69·41	70·41
27	71·58	73·66	70·66	69·49	68·41	68·16	69·08	68·41	69·58	70·16	69·49	70·33
28	71·49	73·74	70·58	69·41	68·41	68·16	69·08	68·41	69·49	70·24	69·66	70·33
29	71·41	73·74	70·49	69·41	68·41	68·16	69·16	68·33	69·49	70·33	.....	70·24
30	71·41	73·83	70·41	69·41	68·33	68·16	69·16	68·33	69·49	70·41	.....	70·16
31	.....	73·83	.....	69·41	68·33	.....	69·16	.....	69·58	70·41	.....	70·16

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1874–75.

TABLE No. 550.

1	70·08	69·91	73·16	71·83	69·66	68·41	68·08	67·74	67·66	69·16	68·24	68·08
2	69·99	69·91	73·08	71·74	69·66	68·41	68·08	67·66	67·74	69·41	67·91	68·24
3	69·91	69·83	73·08	71·66	69·58	68·41	68·08	67·66	67·74	69·24	67·83	68·24
4	69·83	69·83	72·99	71·58	69·49	68·41	68·08	67·66	67·83	69·33	67·58	68·24
5	69·74	69·74	72·99	71·49	69·49	68·33	68·08	67·66	67·91	69·24	66·99	68·33
6	69·66	69·74	72·91	71·41	69·41	68·33	68·16	67·66	67·99	68·91	66·74	68·58
7	69·58	69·83	72·91	71·33	69·33	68·33	68·16	67·58	68·08	68·83	66·58	68·74
8	69·49	69·91	72·83	71·24	69·33	68·33	68·08	67·58	68·16	68·91	67·58	68·99
9	69·41	70·08	72·83	71·16	69·24	68·24	67·99	67·58	68·24	68·91	67·16	68·41
10	69·49	70·24	72·74	71·08	69·24	68·24	67·99	67·58	68·33	68·74	67·24	68·33
11	69·58	70·41	72·66	70·99	69·16	68·24	67·91	67·58	68·41	68·74	67·58	68·24
12	69·74	70·58	72·66	70·91	69·16	68·24	67·91	67·58	68·49	68·66	67·74	68·16
13	69·91	70·74	72·58	70·83	69·08	68·24	67·91	67·58	68·58	68·74	67·99	67·99
14	70·08	70·99	72·49	70·74	69·08	68·24	67·91	67·58	68·66	68·24	68·08	67·83
15	70·16	71·16	72·41	70·66	69·08	68·24	67·91	67·58	68·74	68·16	68·58	67·66
16	70·24	71·41	72·24	70·58	68·99	68·33	67·91	67·58	68·83	68·16	68·41	67·66
17	70·41	71·49	72·16	70·49	68·99	68·24	67·83	67·66	68·91	68·33	68·33	67·66
18	70·33	71·66	72·08	70·41	68·99	68·24	67·83	67·66	68·99	68·33	68·49	67·74
19	70·24	71·99	71·99	70·41	68·91	68·24	67·83	67·66	69·08	68·66	68·58	67·74
20	70·24	72·33	71·91	70·33	68·91	68·16	67·83	67·66	69·16	68·74	68·49	67·74
21	70·24	72·66	71·99	70·24	68·91	68·16	67·83	67·66	69·24	68·66	68·49	68·16
22	70·24	72·83	71·99	70·24	68·83	68·16	67·83	67·66	69·16	68·33	68·41	68·16
23	70·24	72·99	72·08	70·16	68·83	68·16	67·83	67·66	69·08	68·33	68·49	68·16
24	70·24	73·16	72·08	70·08	68·74	68·08	67·74	67·66	68·66	68·41	68·33	67·99
25	70·24	73·16	72·16	70·08	68·74	68·08	67·74	67·66	68·33	68·33	68·16	68·08
26	70·24	73·16	72·24	69·99	68·66	68·08	67·74	67·66	68·91	68·24	68·08	68·16
27	70·24	73·08	72·16	69·91	68·66	68·08	67·74	67·66	69·24	68·33	68·08	67·91
28	70·24	72·99	72·08	69·91	68·58	68·08	67·74	67·66	69·49	68·49	68·08	67·74
29	70·24	72·91	71·99	69·83	68·58	68·08	67·74	67·66	69·66	68·58	.....	67·83
30	69·91	72·99	71·91	69·74	68·49	68·08	67·74	67·66	69·66	68·74	.....	67·66
31	.....	73·08	.....	69·74	68·49	.....	67·74	.....	69·66	68·41	.....	67·58

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1875–76.

TABLE No. 551.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	69·16	72·08	69·16	68·33	68·08	67·74	68·08	67·99	68·99	69·33	.....
2	.....	69·08	71·99	69·16	68·24	68·08	67·74	67·99	67·99	68·66	68·99	.....
3	.....	69·41	71·83	69·16	68·24	68·08	67·74	67·99	69·24	68·49	68·58	.....
4	.....	69·83	71·83	69·08	68·24	67·83	67·74	67·91	69·58	68·41	68·74	.....
5	.....	69·83	71·66	69·08	68·16	67·99	67·83	67·91	68·83	69·24	68·91	.....
6	.....	69·83	71·33	69·08	68·24	67·99	67·83	67·83	69·24	69·41	69·24	.....
7	.....	69·91	71·24	68·99	68·16	67·91	67·91	67·83	68·91	69·41	69·08	.....
8	.....	70·33	71·08	68·99	68·16	67·99	67·41	67·91	68·83	69·66	68·91	.....
9	.....	70·33	70·99	68·91	68·16	67·99	67·83	67·91	68·83	69·66	68·66	.....
10	.....	70·66	70·83	68·91	68·24	68·08	67·83	67·83	68·83	69·58	68·83	.....
11	.....	70·99	70·74	68·91	68·24	67·83	67·74	67·74	68·91	69·41	68·91	.....
12	.....	71·41	70·66	68·83	68·16	67·83	67·74	67·91	68·74	69·66	68·91	.....
13	.....	71·58	70·41	68·83	68·24	67·74	67·74	67·91	68·49	69·83	69·08	.....
14	.....	72·08	70·24	68·74	68·24	67·83	67·83	67·91	68·24	69·74	69·24	.....
15	.....	72·33	70·16	68·74	68·24	67·74	67·83	67·74	68·24	69·66	69·16	.....
16	.....	72·83	70·08	68·66	68·24	67·83	67·91	67·66	68·24	69·33	69·41	.....
17	.....	73·08	69·99	68·66	68·33	67·74	67·83	67·74	68·24	69·58	69·49	.....
18	.....	73·41	69·83	68·58	68·49	67·66	67·91	68·08	68·33	69·58	69·49	.....
19	.....	73·49	69·74	68·49	68·41	67·74	67·83	68·33	67·99	69·49	69·74	.....
20	.....	73·66	69·74	68·49	68·33	67·83	67·83	68·24	68·66	69·58	69·91	.....
21	.....	73·49	69·66	68·49	68·41	67·74	67·91	68·16	68·66	69·58	69·66	.....
22	.....	73·49	69·66	68·49	68·41	67·74	67·91	67·91	68·58	69·41	69·58	.....
23	.....	73·41	69·58	68·66	68·41	67·66	67·91	67·91	68·91	69·41	69·41	.....
24	.....	73·16	69·49	68·58	68·33	67·66	67·91	67·66	68·91	69·49	69·24	.....
25	.....	72·99	69·41	68·58	68·33	67·66	67·91	67·83	69·08	69·66	69·33	.....
26	.....	72·99	69·33	68·49	68·24	67·66	67·99	67·83	69·24	69·41	69·91	.....
27	.....	72·99	69·16	68·49	68·33	67·66	67·66	67·66	69·41	69·66	70·33	.....
28	.....	72·83	69·16	68·49	68·24	67·74	67·91	67·83	69·41	69·83	70·16	.....
29	.....	72·83	69·16	68·58	68·16	67·66	67·91	67·66	69·41	69·49	69·91	.....
30	.....	73·16	69·24	68·33	68·16	67·66	67·83	67·83	68·99	69·33	.....	.....
31	.....	72·58	.....	68·33	68·16	.....	67·91	.....	68·99	69·16	.....	.....

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1876–77.

TABLE No. 552.

1	69·66	73·24	74·83	72·16	70·08	69·16	.....	68·66	68·66	69·91	68·99	67·91
2	69·58	73·24	74·66	72·08	70·08	69·08	.....	68·66	68·66	69·91	68·41	67·91
3	69·66	73·33	74·58	71·74	69·99	69·08	.....	68·58	68·83	70·08	68·33	67·91
4	69·58	73·16	74·41	71·99	69·99	69·08	.....	68·83	68·74	69·66	68·33	67·83
5	69·58	73·33	74·16	71·91	69·99	68·99	.....	68·83	68·66	69·66	68·41	67·83
6	69·66	73·49	73·99	71·83	69·91	68·99	.....	68·83	68·66	70·16	68·24	67·83
7	69·99	73·74	73·74	71·83	69·83	68·99	.....	68·83	68·74	70·24	68·16	67·91
8	70·16	74·08	73·66	71·91	69·83	68·99	.....	68·91	68·83	70·33	68·16	67·91
9	70·24	74·49	73·49	71·74	69·83	68·91	.....	68·83	68·66	69·99	68·41	67·91
10	70·24	74·74	73·41	71·74	69·74	68·83	.....	68·91	68·74	69·99	68·49	67·99
11	70·08	75·16	73·33	71·74	69·74	68·74	.....	68·83	68·99	69·83	68·24	67·99
12	70·24	75·74	73·24	71·58	69·66	68·74	.....	68·83	69·16	69·58	68·16	67·99
13	70·49	75·91	73·08	71·58	69·66	68·74	.....	68·91	69·49	69·41	67·99	67·99
14	70·83	76·16	73·16	71·49	69·58	68·74	.....	68·91	69·24	69·16	67·99	68·08
15	71·24	76·41	73·16	71·41	69·58	68·66	.....	68·91	69·08	69·16	68·33	68·08
16	71·83	76·49	73·16	71·16	69·58	68·74	.....	68·91	69·08	68·74	68·49	68·08
17	71·91	76·41	73·16	71·08	69·49	68·74	.....	68·83	68·91	68·91	68·24	69·91
18	72·24	76·41	73·16	70·99	69·41	68·66	.....	68·91	68·83	69·41	68·16	69·83
19	72·24	76·41	73·24	70·99	69·58	68·74	.....	68·91	68·74	69·83	68·41	69·91
20	72·24	76·24	73·16	70·74	69·49	68·74	.....	68·91	68·83	70·16	68·83	69·58
21	72·33	76·24	73·16	70·83	69·41	68·66	.....	68·91	68·91	69·58	68·99	69·58
22	72·41	76·16	72·99	70·66	69·33	68·66	.....	68·91	69·16	69·41	68·66	69·49
23	72·49	76·08	72·99	70·58	69·33	68·66	.....	68·83	69·49	69·33	68·33	69·83
24	72·66	75·83	72·91	70·58	69·24	68·66	.....	68·99	69·58	69·49	68·08	69·74
25	72·74	75·83	72·74	70·49	69·16	68·66	.....	68·99	69·58	69·41	68·08	69·91
26	72·83	75·74	72·74	70·33	69·16	68·74	.....	68·91	69·66	69·33	67·99	70·66
27	72·74	75·66	72·66	70·08	69·08	68·74	.....	68·74	69·66	69·58	67·99	70·66
28	72·83	75·58	72·66	70·16	69·08	68·74	.....	68·74	69·16	69·49	67·91	71·66
29	72·91	75·49	72·58	70·24	69·16	68·83	.....	68·74	69·24	69·49	.....	71·83
30	73·24	75·41	72·41	70·24	69·16	68·83	.....	68·74	69·33	69·41	.....	71·74
31	.....	75·08	...	70·16	69·16	.....	.....	.....	69·33	69·24	.....	70·91

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1877–78.

TABLE No. 553.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·08	70·91	69·83	68·99	68·58	68·08	67·66	67·66	68·66	67·99	69·16	68·49
2	69·24	70·91	69·74	68·99	68·49	68·08	67·66	67·58	68·66	68·08	68·83	68·58
3	69·66	70·66	69·74	69·08	68·49	68·08	67·66	67·66	68·66	68·08	68·83	68·33
4	69·66	70·74	69·66	69·08	68·49	68·08	67·49	67·74	68·66	68·49	68·91	68·33
5	69·74	70·66	69·58	69·08	68·49	68·16	67·49	67·83	68·66	68·91	68·83	68·41
6	69·66	70·66	69·49	68·99	68·49	68·16	67·49	67·83	68·66	68·91	68·74	68·49
7	69·74	70·66	69·41	68·99	68·49	67·99	67·58	67·74	68·83	68·91	68·49	68·49
8	69·74	70·49	69·33	68·99	68·49	67·91	67·58	67·74	68·83	68·99	68·24	68·66
9	69·74	70·41	69·24	68·99	68·49	67·91	67·58	67·91	68·83	69·16	68·16	69·16
10	69·58	70·24	69·24	68·99	68·49	67·91	67·66	68·08	68·83	69·41	68·08	69·24
11	69·74	70·24	69·24	68·99	68·49	67·91	67·74	67·99	68·99	69·24	67·99	69·24
12	69·66	70·16	69·24	68·99	68·49	67·91	67·74	67·91	68·83	68·83	68·16	69·16
13	69·66	70·16	69·24	68·91	68·33	67·91	67·74	67·91	68·83	68·66	68·66	68·99
14	69·66	69·99	69·24	68·83	68·33	67·91	67·66	67·91	68·66	68·66	68·74	68·99
15	69·58	69·99	69·16	68·83	68·33	67·91	67·66	67·91	68·49	68·58	68·58	69·08
16	69·58	69·91	69·16	68·83	68·33	67·91	67·66	67·83	68·58	68·99	68·49	69·16
17	69·66	69·91	69·16	68·83	68·33	67·91	67·74	67·99	68·66	69·41	68·33	69·24
18	69·66	69·91	69·16	68·83	68·33	67·91	67·66	67·99	68·74	69·91	68·24	69·16
19	69·91	69·91	69·08	68·83	68·33	67·91	67·66	67·91	68·41	69·83	68·24	69·16
20	70·16	69·91	69·08	68·83	68·24	67·83	67·58	67·91	68·41	69·66	68·49	69·16
21	70·41	69·91	69·08	68·83	68·24	67·83	67·49	67·99	68·41	68·91	68·24	69·16
22	70·49	69·91	68·99	68·83	68·24	67·83	67·41	67·91	68·41	68·66	68·16	68·99
23	70·58	69·91	68·99	68·83	68·24	67·74	67·49	67·99	68·41	68·58	67·99	68·99
24	70·58	69·91	68·99	68·66	68·24	67·74	67·58	68·08	68·33	68·49	67·99	68·99
25	70·58	69·91	68·99	68·66	68·24	67·74	67·74	68·08	68·33	69·08	67·99	68·99
26	70·66	69·99	68·99	68·66	68·24	67·74	67·66	68·16	68·24	69·33	68·16	68·83
27	70·66	70·08	68·99	68·66	68·16	67·66	67·58	68·24	68·24	69·24	68·33	68·83
28	70·66	69·99	68·99	68·74	68·16	67·66	67·58	68·33	68·24	69·16	68·41	68·83
29	70·74	69·99	68·99	68·83	68·16	67·58	67·66	68·58	68·24	70·33	.....	68·83
30	70·74	69·83	68·99	68·74	68·16	67·58	67·66	68·66	68·16	70·33	.....	68·99
31	.....	69·83	.....	68·66	68·16	.....	67·74	.....	68·16	70·58	.....	69·16

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1878–79.

TABLE No. 554.

1	69·08	.....	70·24	69·41	68·99	68·83	68·99	.....	70·49	71·16	69·99	69·41
2	69·08	.....	70·24	69·41	68·99	68·83	68·99	.....	70·58	71·16	70·08	69·41
3	69·08	.....	70·16	69·41	68·99	68·83	68·99	70·16	70·58	70·08	70·08	69·49
4	69·08	.....	70·16	69·41	68·99	68·83	68·99	70·16	70·58	71·16	69·99	69·49
5	69·08	.....	70·16	69·33	68·99	68·74	68·99	70·16	70·41	71·08	69·83	69·16
6	69·16	.....	70·16	69·33	68·99	68·74	68·99	70·16	70·41	70·99	69·74	69·08
7	69·24	.....	70·08	69·24	68·99	68·74	68·91	70·16	70·24	70·91	69·66	69·16
8	69·33	.....	69·91	69·24	68·99	68·74	68·99	70·08	70·16	70·83	69·41	69·16
9	69·41	.....	69·83	69·24	68·99	68·66	68·99	69·99	69·99	70·83	69·58	69·08
10	69·41	.....	69·74	69·24	68·99	68·66	68·91	69·91	69·99	70·58	69·66	68·91
11	69·41	.....	69·74	69·24	69·08	68·58	68·91	69·83	70·33	70·49	69·83	68·83
12	69·74	.....	69·74	69·24	69·16	68·58	68·83	70·16	71·24	70·58	69·99	68·83
13	69·91	.....	69·74	69·16	69·16	68·58	68·83	69·91	71·24	70·66	69·91	68·83
14	70·41	.....	69·74	69·16	69·24	68·74	68·83	69·91	71·24	70·74	69·91	68·83
15	70·16	.....	69·74	69·16	69·24	68·83	68·83	69·91	71·24	70·66	69·99	69·08
16	70·16	.....	69·66	69·08	69·24	68·83	68·91	69·83	70·99	70·49	70·24	69·08
17	70·16	.....	69·58	69·08	69·16	68·91	68·91	69·83	70·99	70·58	70·41	69·16
18	70·08	.....	69·58	69·08	69·16	68·91	68·99	69·74	70·99	70·66	70·33	69·24
19	70·08	.....	69·58	69·08	69·33	68·91	69·16	69·74	70·99	70·74	70·24	69·33
20	70·08	.....	69·58	68·99	69·24	68·74	69·41	69·66	70·99	70·83	70·24	69·24
21	70·08	.....	69·58	68·99	69·16	68·83	69·41	69·66	71·41	70·58	70·16	69·16
22	70·08	.....	69·49	68·99	69·08	68·91	69·58	69·66	71·41	70·58	70·16	69·16
23	70·08	.....	69·49	68·99	68·99	68·91	69·66	69·74	71·49	70·58	69·91	69·16
24	70·08	.....	69·41	68·91	68·99	68·99	69·58	69·83	71·33	70·58	69·66	68·99
25	69·99	.....	69·41	68·91	68·99	69·08	69·58	69·91	71·41	70·58	69·49	68·99
26	70·08	.....	69·33	68·99	68·91	69·08	69·66	69·99	71·41	70·33	69·49	68·91
27	70·08	.....	69·41	69·08	68·91	69·08	69·91	70·16	71·41	70·33	69·41	68·91
28	70·08	.....	69·41	69·08	68·91	69·08	69·91	70·08	71·16	70·33	69·41	68·91
29	70·16	.....	69·41	69·08	68·91	68·99	69·99	70·33	71·16	70·41	.....	68·99
30	70·16	.....	69·41	69·08	68·83	68·99	70·33	70·33	71·16	69·66	.....	69·16
31	.....	.....	.....	69·08	68·83	.....	70·33	.....	71·16	69·99	.....	69·24

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1879–80.

TABLE No. 555.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·33	71·83	72·33	70·08	69·33	68·33	68·16	67·66	67·83	69·66	69·41	69·08
2	69·41	71·99	72·24	69·91	69·16	68·33	68·16	67·66	67·83	69·91	69·49	69·16
3	69·49	72·24	72·16	69·91	69·08	68·33	68·16	67·58	67·83	69·83	69·49	69·24
4	69·49	72·41	72·08	69·91	68·99	68·33	68·16	67·41	67·74	69·91	69·49	69·33
5	69·49	72·58	71·99	69·83	68·99	68·33	68·16	67·41	67·66	69·99	69·49	69·41
6	69·41	72·66	71·83	69·74	68·99	68·33	68·08	67·41	67·66	70·08	69·66	69·41
7	69·49	72·74	71·66	69·66	68·91	68·33	67·99	67·33	67·83	70·16	70·49	69·66
8	69·49	72·74	71·49	69·66	68·91	68·33	67·99	67·33	67·91	70·33	70·33	69·66
9	69·49	72·74	71·41	69·66	68·83	68·33	67·99	67·33	68·08	70·49	70·16	69·58
10	69·49	72·83	71·33	69·66	68·74	68·24	67·91	67·33	68·16	70·16	69·91	69·49
11	69·49	72·83	71·24	69·58	68·74	68·24	67·91	67·33	68·24	69·58	69·83	69·49
12	69·49	72·83	71·24	69·58	68·66	68·16	67·91	67·33	68·33	69·58	69·83	69·49
13	69·74	72·83	70·99	69·58	68·66	68·16	67·83	67·33	68·41	69·66	69·24	69·66
14	69·83	72·91	70·99	69·49	68·66	68·16	67·83	67·33	68·41	69·99	69·24	69·66
15	69·99	72·91	70·91	69·49	68·58	68·16	67·83	67·41	68·41	69·74	69·16	69·66
16	70·24	72·99	70·83	69·49	68·49	68·16	67·74	67·58	68·41	70·08	69·08	69·49
17	70·66	73·33	70·83	69·49	68·41	68·16	67·74	67·74	68·41	69·66	68·91	69·33
18	70·83	73·58	70·74	69·49	68·41	68·24	67·74	67·74	68·49	68·99	68·74	69·33
19	70·99	73·83	70·74	69·49	68·41	68·24	67·66	67·74	68·58	68·91	68·83	69·16
20	70·99	73·99	70·66	69·41	68·49	68·33	67·66	67·74	68·58	68·91	68·91	69·08
21	71·16	74·08	70·58	69·33	68·49	68·33	67·66	67·66	68·66	69·08	69·58	68·99
22	71·16	74·08	70·58	69·33	68·49	68·24	67·66	67·66	68·91	69·16	69·58	68·99
23	71·24	74·08	70·58	69·33	68·58	68·24	67·66	67·74	69·16	69·33	69·33	68·99
24	71·24	73·99	70·58	69·33	68·58	68·24	67·66	67·83	69·49	69·66	69·08	68·99
25	71·24	73·83	70·33	69·33	68·49	68·24	67·66	67·83	69·91	69·91	69·08	68·99
26	71·24	73·66	70·33	69·33	68·41	68·24	67·66	67·83	69·91	69·91	69·08	68·99
27	71·33	73·49	70·33	69·33	68·33	68·24	67·66	67·83	69·91	69·74	69·08	68·99
28	71·33	73·33	70·16	69·33	68·33	68·24	67·66	67·58	69·91	69·24	69·08	68·99
29	71·49	72·99	70·08	69·41	68·33	68·16	67·66	67·58	69·91	69·24	69·08	68·74
30	71·66	72·66	69·99	69·41	68·33	68·16	67·66	67·58	69·91	69·24	.....	68·66
31	.....	72·49	.....	69·41	68·33	.....	67·66	.....	69·91	69·33	.....	68·66

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1880–81.

TABLE No. 556.

1	68·74	71·91	72·99	70·66	69·24	68·16	67·99	68·16	68·66	69·58	68·16	67·74
2	68·83	72·08	72·91	70·58	69·16	68·16	67·99	68·16	68·66	69·49	68·16	67·74
3	68·99	72·08	72·83	70·49	69·08	68·16	67·99	68·24	68·83	69·49	68·33	67·74
4	70·49	72·08	72·66	70·41	69·08	68·16	67·99	68·24	68·91	69·41	68·49	67·74
5	70·83	72·08	72·58	70·24	69·08	68·16	67·99	68·24	68·83	68·83	68·66	67·66
6	70·99	72·08	72·49	70·24	68·99	68·16	67·99	68·24	68·74	68·91	68·66	67·58
7	71·16	72·08	72·41	70·16	68·99	68·33	67·91	68·24	68·66	69·08	68·66	67·66
8	71·08	72·08	72·24	70·08	68·99	68·33	67·91	68·33	68·66	69·16	68·66	67·74
9	70·99	72·16	72·16	69·99	68·91	68·33	67·91	68·41	68·74	69·33	68·16	67·91
10	70·99	72·41	72·08	69·91	68·91	68·33	67·91	68·58	68·74	69·49	67·99	67·91
11	70·66	72·66	72·08	69·83	68·83	68·33	67·91	68·74	68·83	69·24	67·83	67·99
12	70·66	72·83	72·08	69·83	68·74	68·24	67·91	68·99	68·99	69·16	67·83	67·99
13	70·58	72·99	72·08	69·74	68·66	68·16	67·91	69·33	69·33	69·16	67·74	67·99
14	70·58	73·16	72·08	69·58	68·66	68·16	67·91	69·41	69·16	69·08	67·74	67·99
15	70·66	73·16	71·99	69·49	68·58	68·58	67·91	69·41	69·08	69·08	67·99	68·16
16	70·66	73·16	71·91	69·41	68·58	68·58	67·91	69·41	68·91	69·08	68·16	68·16
17	70·74	73·41	71·83	69·41	68·49	68·08	67·91	69·49	68·58	68·99	67·99	68·33
18	70·74	73·49	71·66	69·41	68·49	68·08	67·91	69·66	68·58	68·99	67·99	68·41
19	70·83	73·58	71·58	69·41	68·49	68·08	67·99	69·33	68·58	68·99	67·99	68·49
20	70·91	73·58	71·49	69·41	68·49	68·08	68·16	69·33	68·66	68·99	67·99	69·66
21	70·99	73·49	71·41	69·41	68·58	68·08	68·16	69·33	68·91	69·08	67·99	69·66
22	70·99	73·41	71·24	69·41	68·58	68·08	67·99	69·33	68·91	69·08	67·99	70·08
23	71·16	73·33	71·16	69·41	68·49	68·08	68·16	69·41	69·49	68·91	67·99	70·66
24	71·16	73·24	71·08	69·41	68·49	68·08	68·16	69·58	69·49	68·58	67·99	70·91
25	71·16	73·24	70·99	69·41	68·49	67·91	68·16	69·66	69·49	68·41	67·91	70·91
26	71·16	73·24	70·83	69·33	68·24	67·91	68·16	69·66	69·49	68·41	68·24	70·83
27	71·33	73·24	70·74	69·33	68·24	67·91	68·08	69·24	69·74	68·24	68·49	69·66
28	71·66	73·16	70·66	69·33	68·16	67·91	67·99	69·16	69·83	68·16	68·49	69·16
29	71·74	73·08	70·66	69·24	68·16	67·91	67·99	68·74	69·74	67·83	.....	69·16
30	71·74	73·08	70·66	69·24	68·16	67·91	68·08	68·74	69·66	67·99	.....	69·16
31	.....	73·08	.....	69·24	68·16	.....	68·16	.....	69·66	68·16	.....	68·99

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1881–82.

TABLE No. 557.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·83	69·83	71·41	69·08	68·49	67·74	.....	67·58	67·66	68·16	69·99	68·66
2	68·83	70·16	71·16	69·08	68·49	67·74	.....	67·58	67·66	68·16	69·99	69·41
3	69·08	70·41	70·91	69·08	68·49	67·74	.....	67·49	67·66	68·16	69·91	69·66
4	69·08	70·58	70·91	69·08	68·49	67·91	.....	67·49	67·66	68·33	69·91	70·33
5	68·99	70·74	70·83	68·99	68·49	67·91	.....	67·58	67·66	69·16	69·91	70·16
6	68·99	70·74	70·74	68·91	68·49	67·91	.....	67·58	67·74	69·33	69·66	69·99
7	68·66	70·74	70·74	68·91	68·49	67·91	.....	67·58	67·83	69·66	69·66	69·99
8	68·58	70·83	70·58	68·83	68·49	67·99	.....	67·66	67·83	69·66	69·58	69·74
9	68·58	70·83	70·58	68·83	68·41	67·74	.....	67·66	67·91	69·49	69·58	69·66
10	68·66	70·83	70·24	68·83	68·33	67·74	.....	67·66	67·91	69·49	69·49	69·58
11	68·66	70·99	70·16	68·83	68·33	67·74	.....	67·66	67·83	69·41	69·16	69·58
12	68·66	71·16	70·08	68·83	68·33	67·74	.....	67·66	67·83	69·33	68·66	69·58
13	68·74	71·16	69·99	68·83	68·33	67·74	.....	67·66	67·74	69·24	68·58	69·49
14	68·83	71·24	69·91	68·66	68·33	67·74	.....	67·74	67·74	69·16	68·66	69·49
15	68·83	71·33	69·83	68·66	68·33	67·74	.....	67·83	67·74	68·91	68·66	69·58
16	68·83	71·49	69·74	68·66	68·24	67·74	.....	67·83	67·74	69·74	68·91	69·49
17	68·83	71·66	69·66	68·66	68·16	67·66	.....	67·83	67·91	69·66	68·99	69·33
18	68·58	71·74	69·58	68·58	68·08	67·66	.....	67·83	67·83	69·66	68·99	69·24
19	68·58	71·83	69·58	68·58	68·08	67·66	.....	67·91	67·83	69·99	68·99	69·24
20	68·58	71·99	69·49	68·66	68·08	67·66	.....	67·83	67·83	69·99	68·99	69·24
21	68·58	72·08	69·49	68·66	68·08	67·58	.....	67·66	67·83	70·16	68·99	69·24
22	68·58	72·08	69·33	68·66	68·08	67·41	.....	67·66	67·74	70·16	69·08	69·16
23	68·66	72·08	69·33	68·66	68·08	67·49	.....	67·66	67·74	70·16	69·08	69·49
24	68·66	71·91	69·24	68·66	67·99	67·49	.....	67·66	67·74	69·66	69·08	69·49
25	68·99	71·91	69·16	68·58	67·91	67·49	.....	67·66	67·83	69·16	69·08	69·49
26	68·99	71·91	69·08	68·58	67·91	67·49	.....	67·66	67·83	69·16	69·08	69·49
27	69·08	71·66	68·99	68·58	67·91	67·49	.....	67·74	67·83	69·16	68·99	69·66
28	69·08	71·49	68·99	68·58	67·91	67·49	.....	67·83	67·91	69·16	68·66	69·66
29	69·33	71·41	68·99	68·49	67·91	67·49	.....	67·66	67·99	69·41	.....	69·66
30	69·66	71·41	69·16	68·49	67·83	67·49	.....	67·66	68·08	69·91	.....	69·66
31	.....	71·41	.....	68·49	67·74	.....	.....	.....	68·16	69·99	.....	69·66

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1882–83.

TABLE No. 558.

1	69·49	70·66	72·74	71·66	70·16	69·58	69·24	68·66	68·16	68·66	68·16	68·58
2	69·49	70·66	72·74	71·58	70·08	69·58	69·16	68·58	68·16	68·66	68·24	68·49
3	69·41	70·66	72·74	71·49	69·99	69·58	69·16	68·41	68·16	68·66	68·58	68·24
4	69·41	70·66	72·74	71·49	69·91	69·49	69·08	68·33	68·16	68·99	68·58	68·08
5	69·41	70·74	72·83	71·41	69·83	69·49	68·91	68·24	68·16	68·91	68·66	68·58
6	69·41	70·74	72·83	71·33	69·83	69·49	68·91	68·24	68·16	68·66	68·74	68·49
7	69·41	70·74	72·83	71·33	69·74	69·49	68·91	68·24	68·24	68·83	68·74	68·58
8	69·41	70·74	72·83	71·33	69·66	69·41	68·91	68·24	68·33	68·74	68·58	68·58
9	69·66	70·74	72·83	71·24	69·66	69·33	68·91	68·24	68·41	68·74	68·41	68·74
10	69·66	70·74	72·83	71·24	69·66	69·24	68·91	68·24	68·24	68·74	68·58	68·74
11	69·74	70·74	72·66	71·16	69·66	69·24	68·83	68·24	68·66	68·49	68·49	68·33
12	69·74	70·74	72·49	71·08	69·66	69·16	68·74	68·24	68·74	68·49	68·24	68·16
13	69·74	70·83	72·49	70·91	69·66	68·99	68·66	68·24	68·74	68·24	68·49	68·24
14	69·74	70·99	72·41	70·91	69·66	68·99	68·66	68·33	68·99	67·99	68·58	68·33
15	69·74	71·24	72·24	70·91	69·66	68·99	68·66	68·49	69·08	68·74	68·41	68·24
16	69·74	71·33	72·08	70·83	69·66	69·08	68·66	68·66	69·08	68·83	68·24	68·24
17	69·99	71·41	71·99	70·74	69·66	68·99	68·66	68·66	69·16	68·91	67·91	68·24
18	69·99	71·49	71·99	70·66	69·66	68·99	68·66	68·66	69·41	68·66	67·99	68·08
19	69·99	71·49	71·99	70·66	69·66	68·99	68·66	68·66	69·41	68·41	68·24	67·99
20	70·49	71·58	71·99	70·58	69·66	68·91	68·58	68·74	69·66	68·58	68·41	67·66
21	70·49	71·66	71·99	70·58	69·66	68·91	68·58	68·74	69·66	68·49	68·24	67·66
22	71·41	71·66	72·08	70·41	69·74	68·91	68·58	68·74	69·99	68·41	68·24	67·74
23	70·83	71·83	72·08	70·33	69·74	69·24	68·58	68·66	69·99	68·41	68·08	67·99
24	70·83	71·91	71·99	70·24	69·83	69·24	68·58	68·66	69·66	68·33	68·08	67·99
25	70·74	72·08	71·99	70·24	69·91	69·24	68·49	68·66	69·16	68·58	67·99	67·91
26	70·66	72·33	71·91	70·24	69·83	69·24	68·49	68·66	68·83	68·66	67·91	67·91
27	70·66	72·41	71·83	70·24	69·74	69·16	68·49	68·66	68·66	68·66	67·99	67·83
28	70·58	72·41	72·33	70·16	69·66	69·16	68·49	68·33	68·58	68·99	67·99	67·83
29	70·58	72·41	71·83	70·16	69·58	69·16	68·49	68·24	68·91	69·08	.....	67·83
30	70·58	72·66	71·74	70·16	69·58	69·24	68·58	68·16	68·58	69·08	.....	67·99
31	.....	72·66	.....	70·16	69·58	.....	68·66	.....	68·58	69·08	.....	67·99

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1883–84.

TABLE No. 559.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67·74	70·33	72·41	71·83	70·83	69·41	69·24	69·16	69·99	71·08	69·99	69·66
2	67·83	70·33	72·41	71·83	70·74	69·41	69·24	69·16	70·08	71·08	69·66	69·91
3	67·99	70·24	72·41	72·08	70·74	69·41	69·24	69·16	70·16	71·08	69·83	69·91
4	67·99	70·24	72·41	72·16	70·66	69·41	69·16	69·24	70·24	71·08	69·83	69·99
5	67·91	70·49	72·33	72·16	70·66	69·41	69·16	69·24	70·33	71·08	69·91	70·08
6	67·99	70·74	72·16	72·08	70·58	69·33	69·16	69·33	70·33	71·08	69·99	69·99
7	68·41	70·91	72·16	72·16	70·58	69·33	69·16	69·33	69·74	71·08	70·16	69·91
8	68·49	70·99	72·08	72·08	70·58	69·33	69·16	69·33	69·66	71·24	70·08	69·74
9	68·58	70·99	71·91	71·99	70·49	69·24	68·99	69·33	69·74	71·41	69·99	69·49
10	69·08	70·99	71·91	71·91	70·41	69·24	69·08	69·33	69·83	71·41	70·08	69·24
11	69·83	70·91	71·91	71·83	70·33	69·24	69·08	69·41	69·91	71·33	70·24	69·24
12	70·33	71·08	71·83	71·74	70·24	69·24	69·08	69·41	69·83	71·33	70·16	69·33
13	70·83	71·16	71·91	71·66	70·24	69·24	69·08	69·49	69·91	71·33	70·16	69·24
14	70·99	71·33	71·99	71·58	70·08	69·16	69·08	69·49	69·83	71·16	70·08	69·24
15	71·16	71·33	71·91	71·49	70·08	69·16	68·99	69·58	69·99	71·16	69·91	69·24
16	71·16	71·33	71·83	71·41	69·91	69·24	68·99	69·58	70·08	71·16	.....	69·33
17	72·24	71·33	71·74	71·41	69·91	69·24	69·08	69·58	70·16	70·99	.....	69·49
18	72·49	71·33	71·74	71·41	69·91	69·24	69·08	69·58	70·24	70·83	.....	69·58
19	72·66	71·33	71·99	71·49	69·91	69·24	69·16	69·58	70·24	70·66	.....	69·49
20	72·83	71·33	72·16	71·49	69·91	69·24	69·24	69·41	70·24	70·49	.....	69·33
21	72·91	71·33	72·16	71·49	69·91	69·16	69·16	69·41	70·58	70·33	.....	69·41
22	72·74	71·33	72·08	71·58	69·91	69·16	69·08	69·41	70·66	70·49	.....	69·49
23	72·74	71·33	72·08	71·49	69·91	69·16	68·99	69·41	71·24	70·58	.....	69·74
24	72·66	71·74	71·99	71·41	69·83	69·16	68·99	69·41	71·24	70·41	.....	69·99
25	72·41	71·91	71·91	71·33	69·74	69·16	68·99	69·49	71·33	70·24	.....	70·41
26	72·16	72·08	71·91	71·24	69·66	69·16	68·99	69·58	71·33	70·24	.....	71·08
27	71·99	72·24	71·91	71·16	69·66	69·16	69·08	69·66	71·16	70·24	.....	71·41
28	71·83	72·16	71·83	71·16	69·58	69·16	69·08	69·74	71·16	70·16	.....	71·99
29	71·83	72·16	71·83	71·08	69·58	69·16	69·08	69·91	71·16	70·16	.....	72·24
30	71·66	72·16	71·83	70·91	69·49	69·24	69·08	69·91	71·16	70·16	.....	72·58
31	.....	72·16	.....	70·91	69·41	.....	69·08	.....	71·08	70·24	.....	72·66

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1884–85.

TABLE No. 560.

1	72·58	72·49	72·33	70·33	69·66	69·24	68·91	69·16	68·74	70·91	.....	70·16
2	72·33	72·58	72·33	70·24	69·66	69·24	68·91	69·16	68·74	70·91	.....	69·91
3	72·08	72·58	72·16	70·24	69·74	69·24	68·83	69·16	68·74	71·24	.....	69·66
4	71·91	72·66	72·16	70·24	69·83	69·16	68·83	69·33	68·74	71·66	.....	69·58
5	71·91	72·74	72·08	70·16	69·91	69·16	68·83	69·16	68·74	72·24	.....	69·58
6	71·66	72·91	71·99	70·16	69·91	69·08	68·83	69·33	68·74	72·08	.....	69·41
7	71·49	72·99	71·91	70·16	69·99	69·08	68·83	69·33	69·16	71·41	.....	69·24
8	71·41	72·99	71·83	70·16	69·99	69·08	68·83	69·33	69·74	70·83	.....	69·24
9	71·49	73·08	71·66	70·16	69·99	69·08	68·74	69·33	69·99	70·41	.....	69·33
10	71·49	73·24	71·58	69·99	69·91	69·08	68·74	69·24	70·08	70·41	.....	68·91
11	71·74	73·33	71·49	69·99	69·83	69·08	68·74	69·16	70·08	70·49	.....	68·91
12	71·83	73·41	71·33	69·99	69·83	68·99	68·83	69·08	70·08	70·66	.....	68·66
13	71·91	73·49	71·24	69·99	69·83	68·99	68·83	68·99	70·08	70·33	.....	68·99
14	71·91	73·49	71·24	69·91	69·74	68·83	68·83	68·99	69·99	70·58	.....	68·83
15	71·91	73·41	71·24	69·91	69·66	68·83	68·91	68·99	69·99	71·08	.....	68·91
16	71·91	73·41	71·16	69·91	69·66	68·83	68·91	68·99	69·74	70·83	.....	68·99
17	71·91	73·41	71·16	69·83	69·66	68·83	68·91	68·91	69·91	70·66	.....	68·83
18	71·99	73·33	71·08	69·83	69·58	68·83	68·91	68·74	70·16	70·33	.....	68·66
19	72·16	73·33	71·08	69·83	69·58	68·83	68·83	68·66	70·33	70·49	.....	68·49
20	72·16	73·33	70·99	69·83	69·49	68·74	68·83	68·66	70·49	70·49	.....	68·33
21	72·16	73·33	70·99	69·83	69·49	68·74	68·83	68·66	70·49	70·49	.....	68·16
22	72·08	73·33	70·91	69·83	69·33	68·74	68·83	68·58	70·58	70·33	.....	68·49
23	72·08	73·33	70·83	69·83	69·33	68·83	68·91	68·66	70·41	70·08	.....	68·49
24	72·16	73·24	70·74	69·83	69·33	68·83	68·91	68·83	70·66	69·74	.....	68·41
25	72·16	73·16	70·66	69·66	69·33	68·83	68·91	68·99	71·16	70·16	.....	68·33
26	72·16	73·08	70·49	69·66	69·33	68·83	68·91	69·16	71·66	70·33	.....	68·16
27	72·24	72·99	70·33	69·66	69·33	68·83	68·91	69·16	70·99	70·16	.....	68·16
28	72·24	72·91	70·24	69·66	69·33	68·91	68·99	69·16	71·49	70·16	.....	68·16
29	72·41	72·66	70·41	69·66	69·16	68·91	69·16	69·33	70·74	70·08	.....	68·16
30	72·41	72·58	70·33	69·66	69·16	68·91	69·16	69·33	70·91	69·91	.....	68·24
31	.....	72·41	.....	69·66	69·24	.....	69·24	.....	71·16	69·83	.....	68·24

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1885–86.

TABLE No. 561.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·24	74·33	72·66	71·41	70·08	69·16	68·99	69·33	69·33	69·99	70·74	70·24
2	68·24	74·16	72·74	71·24	69·91	69·16	68·99	69·33	69·16	69·99	70·66	70·24
3	68·33	73·66	72·83	71·16	69·83	69·16	68·99	69·33	69·16	69·66	70·66	70·41
4	68·41	73·24	72·83	71·16	69·83	69·16	68·91	69·41	69·16	69·66	70·41	70·83
5	68·49	72·99	72·74	71·08	69·91	69·16	68·91	69·41	69·33	70·16	70·24	71·08
6	68·58	72·66	72·49	71·08	69·91	69·16	68·83	69·49	69·49	71·49	70·16	70·74
7	68·66	72·49	72·49	71·08	69·83	68·99	68·83	69·49	69·66	71·49	70·49	70·66
8	69·16	72·49	72·41	71·16	69·83	68·91	68·83	69·58	69·83	71·58	70·74	70·41
9	68·66	72·66	72·33	71·16	69·74	68·91	68·83	69·66	70·08	71·66	70·66	70·08
10	68·74	72·83	72·24	71·16	69·66	68·91	68·83	69·74	69·99	71·49	70·24	69·83
11	68·83	72·91	72·16	71·16	69·66	68·91	68·83	69·83	70·08	71·16	69·99	69·66
12	69·16	72·99	72·08	71·08	69·66	68·91	68·83	69·83	70·08	71·33	69·91	69·66
13	69·33	73·08	71·83	71·08	69·66	68·91	68·74	69·83	69·99	71·49	69·66	69·66
14	69·58	73·24	71·83	71·08	69·66	68·91	68·74	69·83	69·91	71·33	69·91	69·58
15	70·16	73·16	71·74	70·99	69·66	68·91	68·74	69·83	69·83	71·58	70·16	69·58
16	70·24	73·24	71·66	70·99	69·66	68·91	68·83	69·83	69·83	71·66	70·16	69·41
17	70·33	73·16	71·49	70·99	69·66	68·91	68·83	69·83	69·99	71·74	70·16	68·99
18	70·58	73·16	71·41	70·91	69·66	68·91	68·83	69·83	70·16	71·83	70·33	69·41
19	71·58	73·08	71·33	70·83	69·58	68·99	68·99	69·83	70·33	71·58	70·33	69·24
20	71·99	73·16	71·24	70·83	69·49	69·08	69·16	69·83	70·49	71·49	69·99	69·24
21	72·08	73·16	71·24	70·83	69·49	69·08	69·33	69·83	70·66	71·66	69·99	69·16
22	72·33	73·16	71·24	70·83	69·49	69·08	69·49	69·83	70·91	71·66	69·99	69·16
23	72·66	73·16	71·24	70·66	69·49	69·08	69·66	69·74	71·08	71·66	69·99	69·41
24	72·66	73·16	71·33	70·66	69·49	69·08	69·66	69·66	71·24	71·49	69·91	69·66
25	73·58	73·16	71·41	70·66	69·41	69·08	69·58	69·58	71·33	71·24	69·99	69·66
26	73·74	73·08	71·49	70·58	69·33	69·08	69·41	69·41	71·49	71·08	69·91	69·66
27	73·99	73·08	71·49	70·49	69·24	69·08	69·24	69·33	71·49	71·16	69·91	69·74
28	74·08	72·99	71·49	70·41	69·24	69·08	69·33	69·16	71·58	70·91	70·08	69·74
29	74·16	72·83	71·49	70·33	69·16	69·08	69·33	69·16	71·49	70·66	.....	69·74
30	74·33	72·74	71·49	70·24	69·16	69·08	69·33	69·16	71·41	70·58	.....	69·74
31	.....	72·66	.....	70·16	69·16	69·08	69·33	.....	70·91	70·66	.....	69·83

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1886–87.

TABLE No. 562.

1	70·24	73·74	71·49	70·74	69·99	68·91	69·16	68·83	69·16	69·41	69·74	69·83
1	70·91	73·66	71·41	70·66	69·91	68·99	69·16	68·83	68·99	69·16	69·99	70·24
3	72·16	73·58	71·41	70·66	69·83	68·99	69·16	68·83	68·91	68·99	69·74	70·41
4	72·16	73·58	71·33	70·58	69·83	68·99	69·08	68·83	68·83	69·16	69·74	69·66
5	71·99	73·49	71·33	70·58	69·83	68·99	69·16	68·74	69·24	69·33	69·66	69·66
6	71·99	73·49	71·24	70·58	69·83	68·99	69·16	68·74	69·66	69·33	69·99	70·08
7	71·33	73·49	71·16	70·49	69·74	68·99	69·24	68·74	69·66	69·33	70·33	70·08
8	71·08	73·41	71·08	70·41	69·74	69·08	69·16	68·74	69·99	69·16	70·33	70·33
9	70·99	73·16	71·08	70·33	69·74	69·08	69·16	68·83	69·83	69·08	70·33	69·99
10	71·33	72·99	71·08	70·24	69·66	69·08	69·16	68·91	69·74	68·99	70·41	69·74
11	71·66	72·83	71·08	70·16	69·58	69·08	69·16	68·83	69·33	68·91	70·16	69·74
12	71·74	72·66	71·08	70·08	69·49	68·99	69·16	68·74	69·16	68·74	69·83	69·58
13	71·99	72·66	70·99	69·99	69·49	68·99	69·16	68·74	68·91	68·74	70·24	69·58
14	72·24	72·66	70·99	69·99	69·49	68·99	69·16	68·66	68·83	68·74	70·41	69·58
15	72·58	72·58	70·99	69·99	69·41	68·99	69·16	68·66	68·91	68·74	70·41	69·49
16	72·66	72·49	70·99	69·99	69·41	68·99	69·16	68·58	69·16	68·74	70·58	69·49
17	72·99	72·41	70·99	69·99	69·33	68·91	69·16	68·66	69·33	69·58	69·99	69·58
18	72·99	72·33	70·99	69·99	69·33	68·91	69·16	68·83	69·74	69·41	69·83	70·16
19	73·58	72·24	70·99	69·99	69·33	68·91	69·08	69·08	69·91	69·24	69·99	69·66
20	73·83	72·16	70·99	70·08	69·24	68·83	69·08	69·33	70·16	69·58	69·91	69·49
21	73·66	72·16	70·99	70·08	69·24	68·83	69·08	69·58	69·99	69·83	69·83	69·41
22	73·83	72·08	70·91	70·08	69·24	68·83	69·08	69·58	69·91	70·08	69·83	69·24
23	73·83	72·08	70·91	70·08	69·24	68·83	69·08	69·58	69·49	70·24	69·83	69·41
24	73·99	71·99	70·91	70·08	69·08	68·91	69·08	69·66	69·33	70·33	69·83	69·33
25	73·99	71·83	70·91	69·99	69·08	68·91	69·08	69·66	69·24	70·41	69·91	69·33
26	73·99	71·83	70·83	69·99	68·99	68·91	69·08	69·66	69·24	70·33	69·99	69·33
27	73·91	71·83	70·83	69·99	68·91	68·83	69·08	69·66	69·24	70·24	69·83	69·33
28	73·91	71·74	70·83	69·99	68·83	68·83	68·99	69·58	69·49	70·24	69·74	69·33
29	73·91	71·74	70·74	69·99	68·83	68·99	68·91	69·49	69·66	70·16	.....	69·33
30	73·83	71·66	70·74	69·99	68·83	69·16	68·83	69·41	69·99	70·08	.....	69·24
31	.....	71·58	.....	69·99	68·83	.....	68·83	.....	69·58	69·66	.....	69·58

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1887–88.

TABLE No. 563.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	73·24	71·83	69·99	69·33	68·41	67·99	67·66	67·74	69·08	68·74	67·74
2	.....	73·24	71·66	69·99	69·33	68·41	67·99	67·66	67·58	68·66	68·74	68·58
3	.....	73·24	71·66	69·99	69·16	68·41	67·99	67·74	67·66	68·58	68·49	68·74
4	.....	73·24	71·66	69·99	69·08	68·41	67·99	67·74	67·74	68·83	68·49	68·83
5	.....	73·33	71·66	69·99	69·08	68·41	68·08	67·74	67·83	69·33	68·41	68·91
6	.....	73·49	71·66	69·99	69·08	68·41	68·08	67·74	67·91	69·49	68·33	68·99
7	.....	73·66	71·66	69·99	69·08	68·41	68·08	67·74	67·99	69·41	68·49	68·74
8	.....	73·83	71·66	69·91	69·08	68·41	68·08	67·74	67·83	69·41	68·66	68·49
9	.....	73·83	71·49	69·91	68·99	68·41	68·08	67·74	67·83	69·33	68·66	68·24
10	.....	73·83	71·41	69·91	68·99	68·41	68·08	67·74	67·74	69·24	69·16	67·99
11	.....	73·99	71·33	69·83	68·99	68·41	68·08	67·74	67·83	69·16	68·66	67·66
12	.....	73·99	71·24	69·83	68·99	68·41	68·08	67·66	67·91	69·08	68·99	67·41
13	.....	74·16	71·16	69·83	68·91	68·41	68·08	67·66	68·08	68·99	69·24	67·24
14	.....	74·16	71·08	69·74	68·91	68·33	68·08	67·66	68·08	69·08	68·41	67·08
15	.....	74·16	70·91	69·74	68·91	68·33	68·08	67·66	67·91	69·08	68·08	67·24
16	.....	74·08	70·91	69·74	68·83	68·24	68·08	67·66	67·83	69·08	68·08	67·33
17	.....	73·99	70·91	69·74	68·83	68·24	68·08	67·66	67·74	69·08	67·99	67·41
18	.....	73·74	70·91	69·74	68·83	68·24	68·08	67·74	67·74	68·91	68·16	67·49
19	.....	73·74	70·83	69·74	68·83	68·24	68·08	67·74	67·74	68·74	68·08	67·49
20	.....	73·74	70·66	69·74	68·83	68·24	68·08	67·74	67·66	68·66	68·08	67·74
21	.....	73·41	70·66	69·74	68·83	68·24	68·08	67·74	67·66	68·83	68·08	67·66
22	.....	73·16	70·58	69·74	68·83	68·24	68·08	67·74	68·24	68·91	67·83	67·66
23	.....	72·83	70·58	69·74	68·74	68·24	67·99	67·74	68·08	68·91	67·74	67·91
24	.....	72·74	70·58	69·66	68·74	68·24	67·99	67·74	67·99	68·91	68·33	68·08
25	.....	72·74	70·49	69·58	68·74	68·16	67·99	67·74	67·99	68·99	68·16	68·33
26	.....	72·49	70·41	69·49	68·66	68·08	67·99	67·74	67·99	68·66	68·16	68·58
27	.....	72·41	70·33	69·49	68·58	67·99	67·99	67·74	67·99	68·49	67·08	68·33
28	.....	72·24	70·24	69·41	68·58	67·99	67·91	67·74	68·16	68·08	67·08	67·99
29	.....	72·16	70·24	69·41	68·49	67·99	67·83	67·83	68·08	68·24	67·16	68·41
30	.....	72·16	69·99	69·41	68·49	67·99	67·83	67·66	68·16	68·41	.....	68·41
31	.....	71·91	.....	69·33	68·49	.....	67·74	.....	68·08	67·91	.....	68·58

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1888–89.

TABLE No. 564.

1	68·66	69·91	71·99	70·58	68·74	68·41	67·91	67·66	68·33	69·49	69·83	69·33
2	68·74	69·99	71·91	70·49	68·74	68·41	67·91	67·66	68·33	69·58	69·83	69·16
3	68·74	70·33	71·83	70·41	68·74	68·33	67·91	67·74	68·24	69·49	69·74	69·08
4	68·83	70·24	71·74	70·33	68·74	68·24	67·91	67·83	68·24	69·49	69·74	68·99
5	68·99	70·24	71·58	70·16	68·74	68·16	67·91	67·99	68·24	69·49	69·74	68·83
6	69·08	70·33	71·58	70·16	68·74	68·16	67·91	67·99	68·24	69·49	69·74	67·66
7	69·41	70·49	71·58	70·08	68·66	68·08	67·91	68·08	68·24	69·49	69·66	67·66
8	69·49	70·49	71·49	69·99	68·58	68·08	67·83	68·08	68·24	69·49	69·66	67·74
9	69·58	70·49	71·41	69·91	68·49	68·08	67·83	68·16	68·24	69·41	69·66	67·83
10	69·58	70·58	71·41	69·83	68·58	68·08	67·83	68·41	68·16	69·41	69·66	67·91
11	69·66	70·66	71·33	69·74	68·58	68·08	67·83	68·91	67·91	69·33	69·66	67·99
12	69·99	70·83	71·24	69·66	68·49	67·99	67·58	69·41	68·08	69·24	69·66	68·08
13	70·08	71·16	71·24	69·58	68·49	67·99	67·58	69·83	68·24	69·16	69·66	67·99
14	69·99	71·49	70·99	69·49	68·41	67·91	67·66	69·83	68·33	69·08	69·66	67·91
15	69·83	71·74	70·99	69·41	68·33	67·83	67·66	69·66	68·66	68·99	69·66	67·83
16	69·58	72·08	71·08	69·24	68·33	67·83	67·66	69·16	68·66	68·83	69·66	67·83
17	69·58	72·33	71·08	69·16	68·33	67·83	67·66	68·66	68·91	68·66	69·66	67·74
18	69·58	72·66	71·08	69·16	68·33	67·91	67·66	68·83	68·91	68·74	69·66	67·66
19	69·49	72·66	71·08	69·16	68·33	67·99	67·66	68·66	68·99	68·83	69·66	67·66
20	69·74	72·66	71·16	69·16	68·41	67·99	67·66	68·58	69·08	68·91	69·66	67·83
21	70·08	72·66	71·24	69·16	68·33	68·08	67·58	68·41	69·16	68·99	69·66	67·99
22	70·58	72·66	71·24	69·16	68·33	68·08	67·58	68·33	69·24	69·08	69·58	68·08
23	69·41	72·66	71·16	69·08	68·33	68·16	67·49	68·33	69·24	69·16	69·58	68·41
24	69·33	72·66	71·08	68·99	68·24	68·08	67·49	68·24	69·33	69·24	69·49	68·66
25	69·16	72·66	70·99	68·99	68·24	68·08	67·58	68·24	69·33	69·33	69·58	69·08
26	69·08	72·58	70·99	68·99	68·24	68·08	67·58	68·24	69·33	69·41	69·49	69·49
27	69·41	72·49	70·99	68·99	68·24	68·08	67·58	68·24	69·33	69·49	69·49	69·41
28	69·66	72·41	70·99	68·91	68·33	68·08	67·66	68·24	69·41	69·58	69·41	69·33
29	69·66	72·24	70·66	68·83	68·33	68·08	67·66	68·24	69·41	69·66	.....	69·24
30	69·91	72·16	70·58	68·74	68·33	67·91	67·66	68·24	69·49	69·83	.....	69·16
31	.....	72·08	.....	68·74	68·33	.....	67·66	.....	69·49	69·83	.....	69·16

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1889–90.

TABLE No. 565.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·08	71·41	69·66	.....	69·83	68·41	67·91	67·41	.....	69·41	71·33	69·74
2	68·99	71·41	69·74	.....	69·83	68·41	67·99	67·41	.....	69·41	71·16	69·74
3	68·91	71·41	69·74	.....	69·74	68·33	67·99	67·41	.....	69·41	70·83	69·83
4	68·91	71·41	70·33	.....	69·74	68·33	67·99	67·41	.....	69·41	69·91	69·91
5	69·08	71·33	70·49	.....	69·74	68·33	68·08	67·41	.....	69·49	70·08	69·91
6	69·24	71·33	70·83	.....	69·66	68·24	68·08	67·41	.....	69·49	70·33	69·99
7	69·41	71·24	71·08	.....	69·58	68·24	68·08	67·49	.....	69·49	70·33	69·99
8	69·58	71·24	71·33	.....	69·41	68·24	68·08	67·49	.....	69·58	70·33	70·08
9	69·66	71·08	71·49	.....	69·24	68·24	68·08	67·49	.....	69·66	70·33	70·08
10	69·74	70·99	71·66	.....	69·24	68·16	67·99	67·49	.....	69·74	70·24	70·16
11	69·83	70·91	71·74	.....	69·16	68·16	67·91	67·49	.....	69·83	70·24	70·08
12	69·91	70·83	71·74	.....	69·16	68·16	67·99	67·41	.....	69·91	70·24	69·99
13	69·99	70·66	71·66	.....	69·16	68·16	67·91	67·41	.....	69·99	70·24	69·91
14	69·83	70·66	71·66	.....	69·16	68·16	67·91	67·41	.....	70·16	70·16	69·91
15	69·74	70·58	71·41	.....	69·16	68·16	67·66	67·41	.....	70·24	70·16	69·91
16	69·58	70·49	71·41	.....	68·99	68·16	67·66	67·33	.....	70·66	70·16	69·91
17	69·49	70·41	71·33	.....	68·99	68·16	67·66	67·41	.....	70·99	70·16	69·74
18	69·41	70·41	71·33	.....	68·99	68·08	67·66	67·49	.....	71·33	70·24	69·66
19	69·49	70·41	71·16	.....	68·99	68·08	67·66	67·58	.....	71·33	70·24	69·58
20	69·58	70·41	71·08	.....	68·99	68·08	67·66	67·58	.....	71·33	70·24	69·58
21	69·74	70·41	71·08	.....	68·99	68·08	67·66	67·58	.....	71·41	70·24	69·58
22	69·83	70·33	70·99	.....	68·99	68·08	67·58	67·66	.....	71·41	70·24	69·58
23	69·91	70·24	70·91	.....	68·99	68·08	67·41	67·66	.....	71·41	70·16	69·58
24	69·91	70·16	70·74	.....	68·91	68·08	67·41	67·66	.....	71·49	70·08	69·58
25	69·99	70·08	70·74	.....	68·91	68·08	67·41	67·66	.....	71·49	69·91	69·58
26	70·08	69·99	70·74	.....	68·83	67·99	67·33	67·66	.....	71·49	69·74	69·58
27	70·41	69·83	70·74	.....	68·74	67·99	67·33	67·66	.....	71·49	69·66	69·66
28	70·41	69·74	70·74	.....	68·74	67·91	67·33	67·66	.....	71·41	69·74	69·66
29	70·83	69·74	70·74	.....	68·49	67·91	67·41	67·66	.....	71·41	.....	69·66
30	71·33	69·83	70·74	.....	68·49	67·91	67·41	67·66	.....	71·41	.....	69·66
31	.....	69·66	.....	.....	68·49	.....	67·41	.....	.....	71·33	.....	69·66

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1890–91.

TABLE No. 566.

1	69·66	71·49	72·66	71·66	69·99	69·33	68·83	68·49	68·66	69·58	68·66	70·16
2	69·83	71·58	72·74	71·49	69·91	69·33	68·83	68·49	68·74	69·49	68·58	70·08
3	69·91	71·66	73·16	71·49	69·91	69·33	68·83	68·49	68·83	69·41	68·49	69·99
4	70·16	71·74	72·83	71·49	69·83	69·24	68·83	68·66	68·91	69·66	68·58	69·91
5	70·33	71·83	72·83	71·41	69·83	69·24	68·74	68·66	68·91	69·91	68·66	69·83
6	70·49	72·08	72·99	71·41	69·83	69·24	68·74	68·58	69·08	70·49	68·74	69·74
7	70·66	72·33	72·99	71·41	69·83	69·24	68·74	68·58	69·33	70·33	69·16	69·66
8	70·74	72·58	72·91	71·24	69·83	69·24	68·74	68·58	69·41	70·24	69·24	68·66
9	70·99	72·58	72·83	71·33	69·74	69·24	68·74	68·58	69·49	70·24	69·24	69·49
10	71·08	72·49	72·83	71·16	69·66	69·24	68·74	68·66	69·49	70·24	69·33	69·58
11	70·74	72·49	72·66	70·99	69·66	69·33	68·74	68·74	69·16	70·24	69·41	69·66
12	70·74	72·49	72·66	70·91	69·58	69·41	68·66	68·83	68·91	70·16	69·41	69·66
13	70·74	72·41	72·66	70·91	69·58	69·66	68·66	68·83	68·99	70·24	69·41	69·74
14	71·33	72·41	72·66	70·83	69·49	69·83	68·58	68·83	69·49	70·33	69·33	69·83
15	71·41	72·33	72·83	70·83	69·49	69·99	68·58	68·83	69·58	69·66	69·24	69·91
16	71·49	72·33	72·74	70·74	69·41	69·91	68·66	68·91	69·83	69·47	69·16	69·83
17	71·58	72·24	72·74	70·66	69·41	69·83	68·66	68·99	69·83	69·33	68·99	70·24
18	71·49	72·24	72·74	70·58	69·41	69·74	68·74	69·08	69·83	69·66	68·91	70·16
19	71·41	72·16	72·91	70·49	69·41	69·66	68·83	69·08	69·91	69·91	68·83	70·08
20	71·33	72·16	72·91	70·41	69·41	69·58	68·91	69·16	70·41	69·83	68·91	69·99
21	71·16	72·49	72·91	70·33	69·33	69·49	68·83	69·24	70·16	69·74	69·08	69·91
22	71·16	72·91	72·91	70·08	69·24	69·41	68·83	69·33	70·49	69·41	69·16	69·83
23	71·16	72·83	72·41	70·08	69·24	69·33	68·83	69·24	70·66	69·33	69·24	69·66
24	71·16	72·74	71·83	70·08	69·33	69·33	68·74	69·16	70·49	69·16	69·41	69·49
25	71·16	72·66	71·83	70·08	69·33	69·24	68·74	68·99	70·33	68·66	69·41	71·16
26	71·08	72·66	71·83	70·08	69·33	69·24	68·66	68·99	70·24	68·49	69·41	71·49
27	71·08	72·66	71·83	70·08	69·33	69·16	68·58	68·91	70·08	68·49	70·24	71·49
28	71·16	72·58	71·83	69·99	69·33	69·16	68·58	68·74	69·91	68·66	70·24	71·24
29	71·41	72·58	71·83	69·99	69·33	68·99	68·49	68·66	69·66	69·16	.....	71·24
30	71·41	72·58	71·83	69·91	69·33	68·83	68·49	68·66	69·66	69·08	.....	71·24
31	.....	72·58	.....	69·91	69·33	.....	68·41	.....	69·66	68·99	.....	71·33

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1891–92.

TABLE No. 567.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·41	72·74	70·66	68·91	69·08	68·41	.....	67·08	68·41	68·49	.....	68·66
2	71·24	72·74	70·66	68·91	68·99	68·41	.....	67·08	68·41	68·49	.....	68·66
3	71·33	72·74	70·58	68·99	68·91	68·33	.....	66·99	68·41	68·41	.....	68·66
4	71·16	72·74	70·41	69·08	68·91	68·24	.....	66·99	68·49	68·41	.....	68·58
5	71·16	72·74	70·24	69·08	68·91	68·16	.....	66·99	68·58	68·41	.....	68·49
6	70·99	72·66	70·16	69·08	68·91	68·08	.....	66·99	69·74	68·58	.....	68·41
7	70·83	72·66	70·16	69·08	68·91	68·08	.....	66·99	68·91	69·83	.....	68·33
8	70·74	72·66	70·08	68·99	68·83	68·08	.....	66·99	68·66	68·99	.....	68·33
9	70·66	72·58	70·08	68·99	68·83	68·08	.....	66·99	68·49	69·16	.....	68·33
10	70·66	72·58	69·99	68·91	68·74	68·08	.....	66·83	68·66	69·49	.....	68·24
11	70·66	72·49	69·91	68·91	68·66	68·08	.....	66·83	68·66	69·74	.....	68·16
12	70·83	72·41	69·91	68·83	68·66	68·08	.....	66·83	68·66	68·66	.....	68·08
13	70·99	72·24	69·83	68·83	68·66	68·16	.....	66·83	68·58	68·83	.....	68·08
14	71·16	72·16	69·74	68·74	68·66	68·16	.....	66·83	68·49	68·99	.....	68·16
15	71·16	72·08	69·66	68·74	68·66	68·16	.....	66·83	68·49	69·08	.....	68·24
16	71·33	71·99	69·58	68·74	68·58	68·08	.....	66·83	68·58	69·24	.....	68·41
17	71·49	71·91	69·49	68·74	68·58	67·99	.....	66·83	68·66	69·66	.....	68·33
18	71·49	71·83	69·41	68·74	68·58	67·99	.....	66·99	68·66	70·08	.....	68·24
19	71·74	71·74	69·41	68·74	68·58	68·08	.....	67·08	69·16	69·91	.....	68·08
20	71·99	71·66	69·41	68·74	68·58	67·99	.....	67·16	69·33	69·74	.....	67·99
21	72·08	71·66	69·41	68·83	68·41	67·99	.....	67·16	69·49	69·66	.....	67·99
22	72·16	71·58	69·41	68·83	68·41	67·99	.....	67·24	68·99	69·66	.....	67·99
23	72·24	71·49	69·41	68·83	68·41	67·99	.....	67·24	69·16	69·66	.....	67·99
24	72·33	71·41	69·41	68·99	68·58	67·91	.....	67·66	68·74	69·66	.....	67·99
25	72·41	71·33	69·33	68·99	68·66	67·83	.....	67·66	68·24	69·66	.....	67·99
26	72·66	71·24	69·24	68·99	68·74	67·83	.....	68·16	68·24	69·41	.....	67·91
27	72·66	71·16	69·24	69·08	68·66	67·74	.....	68·24	68·24	69·33	.....	67·91
28	72·66	71·08	69·16	69·08	68·58	67·74	.....	68·24	68·41	69·16	.....	67·83
29	72·74	70·99	69·08	69·08	68·49	67·66	.....	68·24	68·58	69·16	.....	67·83
30	72·83	70·91	68·99	69·08	68·49	67·66	.....	68·16	68·41	68·99	.....	67·91
31	.....	70·74	.....	69·08	68·49	.....	.....	.....	68·49	68·91	.....	67·91

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1892–93.

TABLE No. 568.

1	66·99	68·66	69·33	70·41	68·58	68·66	68·08	67·66	68·24	.....	67·41	67·66
2	67·41	68·66	69·24	70·41	68·58	68·58	68·08	67·66	68·24	.....	67·49	67·41
3	69·33	68·74	69·24	70·49	68·58	68·58	68·08	67·66	68·16	.....	67·49	67·16
4	69·91	68·74	69·24	70·58	68·58	68·58	68·08	67·74	68·16	.....	67·58	67·08
5	71·08	68·83	69·24	70·66	68·58	68·41	68·08	67·74	68·16	.....	67·58	66·99
6	71·16	68·83	69·33	70·66	68·49	68·33	68·08	67·83	68·24	.....	67·66	66·91
7	71·41	68·83	69·33	70·41	68·49	68·24	67·83	67·83	68·24	.....	67·66	66·91
8	70·99	68·91	69·33	70·33	68·41	68·24	67·66	67·99	68·08	.....	67·66	66·99
9	71·24	68·91	69·33	69·99	68·41	68·24	67·66	68·08	68·08	.....	67·74	66·99
10	70·49	68·83	69·33	69·99	68·41	68·24	67·66	68·08	68·16	.....	67·74	66·99
11	70·41	68·83	69·24	69·91	68·41	68·24	67·66	68·08	68·16	.....	67·74	66·99
12	70·16	68·91	69·24	69·74	68·91	68·16	67·66	67·99	68·08	.....	67·83	67·08
13	69·99	68·91	69·24	69·66	68·99	68·16	67·66	67·91	68·08	.....	67·83	67·24
14	69·49	68·99	69·24	69·41	69·08	68·16	67·66	67·83	68·08	.....	67·83	67·16
15	69·33	68·91	69·24	69·41	69·08	68·24	67·74	67·83	67·99	.....	67·74	67·16
16	69·08	68·91	69·24	69·24	68·83	68·24	67·83	67·91	67·91	.....	67·83	67·24
17	68·91	68·91	69·24	69·16	68·83	68·24	67·66	67·91	67·99	.....	67·74	67·33
18	68·66	68·91	69·33	69·08	68·83	68·24	67·66	68·41	67·99	.....	67·74	67·41
19	68·58	68·91	69·33	69·08	68·83	68·16	67·66	68·66	67·99	.....	67·66	67·41
20	68·49	68·91	69·33	68·99	68·83	68·08	67·66	68·91	67·99	.....	67·66	67·41
21	68·41	68·91	70·41	68·91	68·58	67·99	67·66	68·83	68·08	.....	67·66	67·66
22	68·33	68·99	70·66	68·83	68·58	67·99	67·66	68·74	68·16	.....	67·74	67·66
23	68·33	69·08	70·49	68·83	68·49	67·99	67·66	68·66	68·24	.....	67·74	67·83
24	68·33	69·16	70·16	68·83	68·41	67·99	67·66	68·66	68·41	.....	67·83	67·91
25	68·33	69·24	69·91	68·83	68·41	67·99	67·66	68·49	68·49	.....	67·83	67·99
26	68·33	69·24	69·99	68·83	69·66	67·99	67·58	68·58	68·58	.....	67·83	68·08
27	68·33	69·33	69·99	68·83	69·83	68·08	67·49	68·49	68·58	.....	67·83	68·16
28	68·41	69·33	70·08	68·74	69·58	68·08	67·49	68·49	68·58	.....	.....	68·16
29	68·66	69·41	70·24	68·74	69·33	68·16	67·49	68·33	68·66	.....	.....	68·16
30	68·66	69·41	70·33	68·74	69·08	68·16	67·49	68·08	68·66	.....	.....	68·24
31	.....	69·41	.....	68·58	68·91	.....	67·58	.....	68·83	.....	.....	68·33

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1893–94.

TABLE No. 569.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·33	69·99	72·74	70·58	69·24	69·91	67·91	67·99	67·74	69·58	69·33	67·83
2	68·41	69·91	72·66	70·49	69·16	69·66	67·83	67·99	67·83	69·83	69·41	67·58
3	68·66	70·24	72·58	70·33	69·08	69·49	67·83	67·99	67·83	69·99	69·49	67·58
4	68·83	70·66	72·49	70·33	69·08	69·33	67·83	67·99	67·83	70·08	69·58	67·49
5	68·91	71·08	72·41	70·24	69·08	69·16	67·91	67·99	67·91	70·08	69·66	67·41
6	69·16	72·16	72·41	70·16	69·08	68·99	67·91	67·99	68·08	69·99	69·41	67·58
7	69·24	71·74	72·33	70·24	69·08	68·91	67·99	67·99	68·24	69·91	69·16	68·49
8	69·33	72·33	72·33	70·08	69·08	69·24	67·99	67·91	68·08	69·83	68·91	69·16
9	69·41	72·16	72·33	69·99	68·99	68·08	67·99	67·91	67·99	69·83	68·74	69·58
10	69·41	72·16	72·33	69·99	68·99	68·58	67·99	67·91	67·83	69·74	68·66	69·83
11	69·41	72·16	72·16	69·99	68·91	68·49	67·99	67·74	67·66	69·74	68·58	69·99
12	69·49	72·16	72·16	69·99	68·83	68·41	67·99	67·74	67·91	69·83	68·41	70·16
13	69·49	72·08	72·16	69·99	68·74	68·33	67·99	67·66	68·16	69·91	68·16	70·33
14	69·49	72·16	72·08	69·91	68·66	68·33	67·91	67·74	68·41	69·99	67·91	70·58
15	69·58	72·16	71·91	69·91	68·66	68·33	68·08	67·99	68·66	70·08	67·99	70·66
16	69·66	72·24	71·83	69·91	68·58	68·33	68·24	68·16	68·83	70·16	68·08	70·49
17	69·66	72·33	71·74	69·83	68·49	68·33	68·24	67·74	68·99	70·08	68·16	70·33
18	69·66	72·49	71·99	69·83	68·49	68·41	68·16	67·74	69·33	69·91	68·16	70·33
19	69·66	72·91	72·41	69·83	68·49	68·49	68·08	67·74	69·41	69·74	68·24	70·33
20	69·74	73·41	71·33	69·66	68·41	68·49	67·99	67·74	69·41	69·66	67·99	70·58
21	69·99	73·58	71·24	69·66	68·41	68·41	67·74	67·74	69·49	69·58	67·83	70·66
22	69·99	73·83	71·24	69·58	68·41	68·41	67·83	67·74	69·66	69·49	67·99	70·74
23	70·16	73·83	71·24	69·58	68·41	68·33	67·91	67·99	69·66	69·49	68·16	70·74
24	70·33	73·83	71·16	69·58	68·41	68·33	67·91	67·74	69·41	69·41	68·24	70·83
25	70·41	73·83	71·08	69·49	68·66	68·33	67·91	67·74	69·16	69·41	68·24	70·83
26	70·24	73·58	70·99	69·49	68·66	68·24	67·91	67·74	68·91	69·33	68·16	70·74
27	70·16	73·41	70·91	69·49	68·58	68·24	67·91	67·66	69·24	69·33	68·08	70·74
28	70·16	73·33	70·83	68·66	68·58	68·24	67·99	67·66	69·66	69·33	68·08	70·66
29	70·16	73·16	70·66	69·33	68·66	68·16	67·99	67·66	69·66	69·33	.....	70·58
30	70·08	72·91	70·66	69·33	69·41	68·08	67·99	67·74	69·58	69·33	.....	70·16
31	.....	72·83	.....	69·33	70·08	.....	67·99	.....	69·58	69·33	.....	69·83

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1894–95.

TABLE No. 570.

1	70·33	71·91	70·66	.....	68·58	67·49	67·41	67·91	68·08	69·58	68·58	67·24
2	69·99	71·91	70·66	.....	68·58	67·49	67·41	67·91	67·99	69·49	68·49	67·08
3	69·66	71·83	70·66	.....	68·41	67·49	67·41	68·08	67·91	69·41	68·41	66·99
4	69·58	71·83	70·91	.....	68·41	67·49	67·49	68·16	67·83	69·41	68·33	66·91
5	69·58	71·83	70·99	.....	68·41	67·41	67·49	68·24	67·74	69·49	68·24	66·83
6	69·58	71·83	71·24	.....	68·41	67·41	67·49	68·16	67·74	69·58	68·16	66·74
7	69·49	71·83	70·91	.....	68·41	67·41	67·49	68·16	67·74	69·49	68·08	66·91
8	69·41	71·91	70·91	.....	68·41	67·41	67·49	68·08	67·58	69·33	67·99	67·08
9	69·33	71·83	70·83	.....	68·41	67·41	67·49	68·08	67·58	69·08	67·91	67·08
10	69·33	71·83	70·16	.....	68·33	67·41	67·49	68·08	67·49	68·91	67·83	67·08
11	69·24	71·83	70·08	.....	68·24	67·41	67·49	68·08	67·49	68·74	67·74	67·08
12	69·08	71·82	70·58	.....	68·24	67·41	67·49	68·08	67·49	68·58	67·66	67·08
13	69·08	71·58	70·41	.....	68·24	67·41	67·49	68·16	67·49	68·49	67·58	67·08
14	69·08	71·41	70·33	.....	68·24	67·41	67·49	68·16	67·83	68·41	67·49	67·08
15	69·16	71·33	70·24	.....	68·16	67·41	67·58	68·16	67·83	68·33	67·41	67·08
16	69·16	71·24	70·08	.....	68·16	67·41	67·66	68·16	67·83	68·24	67·41	67·08
17	69·24	71·08	70·08	.....	68·08	67·41	67·66	68·08	67·83	68·33	67·41	67·08
18	69·33	70·91	70·08	.....	67·99	67·41	67·74	67·99	67·83	68·49	67·41	67·08
19	69·49	70·91	70·08	.....	67·91	67·49	67·83	67·99	67·91	68·58	67·33	67·08
20	69·66	70·83	70·08	.....	67·91	67·49	67·83	67·91	67·83	68·83	67·24	67·08
21	69·99	70·66	70·08	.....	67·66	67·41	67?83	67·83	67·74	69·08	67·16	66·99
22	70·24	70·66	70·16	.....	67·66	67·41	67·83	67·91	67·66	69·08	67·08	66·91
23	70·49	70·66	70·24	.....	67·66	67·41	67·83	67·83	67·83	68·99	66·99	66·83
24	70·83	70·66	70·41	.....	67·74	67·41	67·91	67·83	67·99	68·83	66·99	66·83
25	71·08	70·66	70·41	.....	67·74	67·41	67·91	67·83	68·16	68·66	67·08	66·83
26	71·24	70·66	70·41	.....	67·74	67·41	67·91	67·83	68·33	68·66	67·16	66·99
27	71·41	70·66	70·33	.....	67·66	67·66	67·91	67·66	68·49	68·66	67·16	67·24
28	71·66	70·66	70·33	.....	67·66	67·41	67·83	67·74	68·74	68·66	67·24	67·49
29	71·74	70·74	70·33	.....	67·66	67·41	67·83	67·91	68·99	68·66	.....	67·49
30	71·83	70·83	70·33	.....	67·41	67·41	67·83	67·99	69·24	68·66	.....	67·58
31	.....	70·66	.....	.....	67·49	.....	67·91	.....	69·58	68·58	.....	67·66

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1895–96.

TABLE No. 571.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67·49	70·33	69·41	68·33	66·99	66·91	66·41	66·16	67·16	68·83	69·91	68·91
2	67·49	70·33	69·49	68·24	67·08	66·91	66·41	66·16	67·08	69·08	69·83	68·66
3	67·49	70·33	69·58	68·16	67·16	66·83	66·49	66·08	66·99	69·33	69·58	68·33
4	67·58	70·33	69·58	68·08	67·16	66·83	66·58	65·99	66·91	69·58	69·49	68·33
5	67·74	70·33	69·58	67·99	67·08	66·83	66·49	65·91	66·91	69·83	69·41	68·41
6	67·83	70·33	69·58	67·91	66·99	66·83	66·49	65·91	66·83	70·08	69·24	68·41
7	68·08	70·33	69·49	67·91	66·99	66·83	66·41	65·91	66·83	70·33	69·08	68·49
8	68·58	70·33	69·49	67·83	66·99	66·74	66·41	65·99	66·91	70·58	68·91	68·58
9	69·16	70·41	69·49	67·74	66·99	66·74	66·33	65·99	66·91	70·83	68·91	68·66
10	69·99	70·49	69·49	67·66	66·99	66·74	66·24	66·08	66·91	70·83	68·91	68·74
11	70·74	70·66	69·49	67·66	66·91	66·74	66·33	66·16	66·91	70·83	68·91	68·83
12	70·24	70·66	69·41	67·66	66·91	66·74	66·33	66·16	66·99	70·83	68·91	68·91
13	69·91	70·74	69·41	67·58	66·91	66·74	66·33	66·16	66·99	70·83	68·91	68·99
14	70·16	70·74	69·33	67·49	67·08	66·66	66·24	66·16	67·08	70·74	68·91	68·99
15	70·41	70·74	69·33	67·41	67·08	66·58	66·24	66·16	67·16	70·74	68·91	69·08
16	69·91	70·58	69·24	67·41	67·08	66·49	66·24	66·24	67·24	70·66	68·91	69·16
17	69·66	70·58	69·16	67·41	67·08	66·49	66·16	66·33	67·58	70·58	68·91	69·24
18	70·58	70·49	69·16	67·41	67·08	66·49	66·16	66·33	67·33	70·49	68·91	69·08
19	70·33	70·41	68·99	67·41	67·08	66·49	66·16	66·41	67·08	70·41	68·91	68·83
20	70·24	70·33	68·99	67·33	67·08	66·49	66·16	66·41	67·08	70·33	68·91	68·66
21	70·16	70·24	68·99	67·33	67·08	66·49	66·16	66·33	67·16	70·24	68·91	68·41
22	70·16	70·08	68·91	67·24	67·08	66·49	66·16	66·24	67·16	70·16	68·91	68·16
23	70·33	69·99	68·91	67·16	67·08	66·49	66·16	66·24	67·24	70·08	68·91	67·91
24	70·41	69·91	68·83	67·16	67·08	66·49	66·16	66·24	67·33	69·99	68·99	67·66
25	70·49	69·74	68·83	67·16	67·08	66·49	66·16	66·16	67·41	69·91	68·99	67·49
26	70·58	69·66	68·66	67·08	67·08	66·49	66·16	66·41	67·99	69·83	68·99	67·41
27	70·58	69·66	68·66	67·08	67·08	66·49	66·16	66·66	68·49	69·74	68·99	67·33
28	70·58	69·58	68·66	66·99	67·08	66·49	66·16	66·91	68·49	69·49	68·99	67·49
29	70·58	69·58	68·49	66·91	67·08	66·49	66·16	67·16	68·58	69·58	69·08	67·66
30	70·58	69·58	68·41	66·91	66·99	66·49	66·16	67·16	68·58	69·83	.....	67·74
31	.....	69·41	.....	66·91	66·99	.....	66·16	.....	68·83	69·91	.....	67·74

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1896–97.

TABLE No. 572.

1	67·74	71·49	69·41	68·41	67·66	67·08	66·91	66·83	68·58	67·91	69·16	67·24
2	68·08	71·33	69·41	68·24	67·66	67·08	66·91	66·83	68·58	67·91	68·99	67·24
3	68·33	71·24	69·33	68·24	67·66	67·08	66·91	66·83	68·49	67·91	68·83	67·24
4	68·66	71·08	69·16	68·08	67·66	67·08	66·91	66·91	68·41	67·91	68·66	67·24
5	68·83	71·49	69·24	68·08	67·66	67·08	66·91	66·99	68·33	67·91	68·41	67·24
6	69·83	71·49	69·24	68·08	67·66	67·08	66·91	67·16	68·24	67·91	68·24	67·24
7	68·91	71·16	69·24	68·08	67·66	67·08	66·91	67·33	68·16	67·91	68·16	67·24
8	68·99	71·16	69·24	68·08	67·66	67·08	66·91	67·49	68·08	67·91	68·08	67·16
9	69·08	71·16	69·33	68·08	67·66	67·08	66·91	67·58	67·99	67·99	67·91	67·16
10	69·58	71·08	69·41	68·08	67·66	67·08	66·99	67·58	67·99	68·16	67·74	67·13
11	69·91	71·08	69·49	68·08	67·66	66·99	66·91	67·66	67·99	68·33	67·58	67·49
12	70·33	71·08	69·58	68·08	67·66	66·99	66·91	67·74	67·99	68·49	67·49	67·58
13	70·99	70·99	69·58	68·08	67·58	66·99	66·91	67·91	67·99	68·66	67·41	67·66
14	70·66	70·83	69·49	68·08	67·49	66·99	66·74	67·91	67·99	68·74	67·41	67·74
15	71·66	70·74	69·41	68·08	67·41	66·99	66·74	67·99	67·99	68·74	67·41	67·83
16	72·41	70·66	69·33	68·08	67·49	66·99	66·74	67·99	68·24	68·66	67·41	68·08
17	72·41	70·49	69·33	68·08	67·58	66·83	66·74	68·08	68·41	68·24	67·33	68·24
18	72·41	70·33	69·24	67·99	67·58	66·83	66·74	68·16	68·58	67·99	67·33	68·33
19	72·49	70·33	69·16	67·99	67·41	66·83	66·66	68·08	68·83	67·91	67·33	67·91
20	72·49	70·33	69·16	67·99	67·33	66·83	66·66	67·91	68·83	67·83	67·24	67·58
21	72·66	70·08	69·16	67·99	67·33	66·83	66·74	67·91	68·91	67·91	67·24	67·91
22	72·58	69·91	69·16	67·99	67·33	66·83	66·83	67·91	68·99	67·99	67·24	68·24
23	72·58	69·91	69·16	67·99	67·33	66·91	66·91	67·91	68·99	68·16	67·16	68·49
24	72·66	69·58	68·91	67·99	67·33	66·83	66·91	68·08	69·08	68·33	67·16	68·66
25	72·41	69·58	68·83	67·83	67·33	66·83	66·91	68·16	69·16	68·49	67·08	68·83
26	72·24	69·58	68·74	67·74	67·24	66·83	66·91	68·33	69·24	68·83	67·16	68·83
27	72·16	69·49	68·66	67·58	67·24	66·83	66·91	68·41	69·33	68·99	67·16	68·83
28	71·83	69·49	68·58	67·66	67·24	66·91	66·91	68·49	69·41	69·16	67·24	68·83
29	71·74	69·41	68·41	67·91	67·24	66·91	66·91	68·49	68·91	69·16	.....	68·91
30	71·66	69·41	68·41	67·99	67·24	66·91	66·91	68·58	68·41	69·16	.....	69·08
31	.....	69·41	.....	.....	67·16	.....	66·74	.....	67·91	69·16	.....	69·16

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1897–98.

TABLE No. 573.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·24	71·66	71·16	69·41	68·66	67·99	67·16	66·99	67·24	69·49	68·83	68·33
2	69·33	71·91	70·99	69·33	68·74	67·99	67·16	66·99	67·24	68·49	68·66	68·33
3	69·33	72·08	70·83	69·24	68·66	67·99	67·08	66·74	67·24	68·58	68·66	68·41
4	69·33	72·16	70·83	69·16	68·58	67·91	67·08	66·83	67·16	68·83	69·58	68·33
5	69·33	72·16	70·74	69·16	68·49	67·74	66·99	66·99	67·16	68·83	69·08	68·16
6	69·49	71·99	70·66	69·08	68·41	67·83	66·99	66·99	67·08	68·99	69·16	68·08
7	69·66	71·99	70·58	68·99	68·24	67·74	66·99	67·16	67·08	68·74	68·99	68·16
8	69·49	71·91	70·58	68·99	68·49	67·74	66·99	67·16	67·08	68·49	68·66	68·08
9	69·33	71·91	70·49	68·91	68·41	67·66	66·91	67·16	67·16	67·99	68·49	67·91
10	69·16	71·83	70·33	68·91	68·33	67·66	66·83	66·91	67·08	68·24	68·41	67·83
11	69·08	71·91	70·33	68·91	68·16	67·66	66·74	67·08	67·16	68·41	68·08	67·91
12	68·99	71·91	70·33	68·83	68·24	67·66	66·83	66·99	67·24	68·49	68·08	68·16
13	68·99	71·66	70·33	68·91	68·24	67·66	66·83	67·08	67·33	68·99	67·91	69·16
14	68·99	71·66	70·33	68·99	68·33	67·58	67·08	66·99	67·33	69·41	68·41	70·66
15	68·99	71·66	70·49	68·83	68·33	67·58	66·91	66·91	67·66	69·33	68·58	71·41
16	69·08	71·58	70·41	68·66	68·33	67·49	66·74	66·91	68·08	69·16	68·33	71·83
17	69·16	71·58	70·33	68·66	68·24	67·49	66·74	67·08	68·33	69·08	67·83	71·91
18	69·24	71·33	70·24	68·58	68·24	67·41	66·74	66·99	68·16	69·16	67·83	72·33
19	69·24	71·16	70·16	68·58	68·24	67·41	66·74	67·08	68·49	68·99	68·33	72·41
20	69·49	71·16	70·08	68·49	68·24	67·41	66·74	66·91	68·66	68·74	68·33	72·33
21	69·58	71·16	69·99	68·41	68·16	67·33	66·66	66·83	68·49	68·74	68·33	72·16
22	69·58	71·24	69·91	68·41	68·16	67·33	66·74	67·08	68·58	68·91	68·33	71·91
23	69·49	71·33	69·99	68·41	68·16	67·24	66·74	66·91	68·49	68·91	68·33	71·99
24	69·49	71·41	69·83	68·41	68·16	67·16	66·74	66·83	68·49	68·91	68·58	71·24
25	69·66	71·49	69·74	68·33	68·16	67·16	66·83	66·83	68·66	69·08	68·58	70·91
26	69·66	71·58	69·66	68·33	68·16	67·16	66·83	66·99	68·74	69·16	68·49	70·66
27	70·49	71·58	69·58	68·33	68·16	67·08	66·74	66·99	68·99	68·99	68·33	70·49
28	70·99	71·66	69·49	68·49	68·16	67·08	66·83	67·08	68·99	68·99	68·24	70·41
29	71·33	71·49	69·58	68·58	68·08	67·08	66·91	67·24	69·58	68·99	.....	70·83
30	71·58	71·49	69·49	68·66	68·08	67·08	66·91	67·24	69·66	68·91	.....	70·83
31	.....	71·41	.....	68·58	67·99	.....	66·99	.....	69·58	68·91	.....	70·83

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1898–99.

TABLE No. 574.

1	70·66	69·91	70·24	69·58	68·24	67·83	67·58	68·49	67·91	69·16	68·83	67·58
2	70·58	70·08	70·16	69·66	68·16	67·83	67·49	68·49	67·91	69·24	68·74	67·74
3	70·33	69·91	70·24	69·66	68·16	67·74	67·33	68·49	67·91	69·41	68·99	67·58
4	70·33	69·91	70·16	69·58	68·08	67·74	67·41	68·49	67·91	69·41	69·08	67·41
5	70·24	69·91	69·99	69·49	68·08	67·74	67·58	68·49	67·91	69·08	68·91	67·41
6	70·08	69·91	69·91	69·49	68·08	67·66	67·41	68·49	67·91	68·99	68·83	67·66
7	69·91	69·83	69·83	69·24	67·99	67·66	67·41	68·49	67·91	68·83	68·83	67·83
8	69·83	69·74	69·66	69·24	67·99	67·66	67·41	68·33	68·24	68·91	68·66	67·83
9	69·74	69·66	69·66	69·16	67·99	67·66	67·41	68·33	68·16	68·66	68·41	67·99
10	69·58	69·66	69·66	69·16	67·99	67·66	67·41	68·16	68·24	68·33	68·24	67·99
11	69·49	69·74	69·49	69·08	67·99	67·66	67·41	67·99	68·58	67·91	68·24	67·83
12	69·33	69·74	69·49	68·99	67·99	67·66	67·41	67·91	68·74	68·16	68·24	67·74
13	69·33	69·66	69·58	68·91	67·91	67·66	67·49	68·08	68·74	68·49	68·49	67·74
14	69·49	69·66	69·58	68·91	67·91	67·58	67·41	68·24	68·66	68·74	68·66	68·16
15	69·33	69·66	69·58	68·74	67·99	67·58	67·49	68·24	68·74	68·91	68·58	68·16
16	69·33	69·66	69·49	68·66	67·99	67·41	67·49	68·41	68·74	68·74	68·83	68·33
17	69·33	69·58	69·49	68·58	68·08	67·41	67·66	68·41	68·74	68·49	68·16	68·33
18	69·33	69·58	69·41	68·58	68·08	67·33	67·66	68·41	68·74	68·24	67·58	68·49
19	69·49	69·49	69·41	68·58	67·99	67·41	67·74	69·41	68·66	68·49	67·33	68·08
20	69·49	69·58	69·33	68·58	67·99	67·41	67·74	68·41	69·08	69·08	67·41	68·08
21	69·66	69·66	69·33	68·58	67·99	67·41	67·83	68·41	69·24	69·49	67·41	68·08
22	69·74	69·66	69·24	68·58	67·99	67·41	67·74	68·41	68·99	69·24	67·33	68·16
23	69·83	69·66	69·24	68·41	67·99	67·41	67·99	68·33	69·33	68·58	67·49	68·16
24	69·83	69·66	69·24	68·41	67·91	67·58	68·33	68·33	69·33	68·41	67·58	68·41
25	69·91	69·74	69·24	68·41	67·91	67·58	68·41	68·33	68·58	68·08	68·16	68·41
26	69·91	69·83	69·24	68·41	67·91	67·66	68·41	68·24	68·83	68·33	68·24	68·16
27	69·91	69·99	69·24	68·41	67·99	67·66	68·33	68·08	68·58	68·41	67·91	67·91
28	69·91	70·08	69·24	68·49	67·99	67·66	68·41	67·91	68·16	68·49	67·91	67·99
29	69·91	70·08	69·33	68·33	67·99	67·66	68·49	67·91	68·08	68·83	.....	68·08
30	69·91	70·24	69·49	68·24	67·91	67·66	68·49	67·83	68·33	68·74	.....	68·08
31	.....	70·24	.....	.....	67·83	.....	68·49	.....	68·58	68·83	.....	68·24

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1899–1900.

TABLE No. 575.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·16	72·24	70·99	69·33	68·49	67·49	67·66	67·41	.....	68·41	69·24	68·83
2	68·16	72·49	71·16	69·24	68·49	67·49	67·74	67·49	.....	68·83	69·08	68·66
3	68·33	72·91	71·16	69·16	68·49	67·49	67·74	67·66	.....	69·08	69·16	68·58
4	68·16	72·74	71·16	69·16	68·49	67·49	67·83	67·58	.....	69·49	69·41	68·74
5	68·24	72·83	71·08	69·16	68·49	67·49	67·83	67·58	.....	69·91	69·08	68·99
6	68·24	73·24	71·08	69·16	68·49	67·49	67·91	67·66	.....	69·58	68·91	68·99
7	68·33	73·08	71·08	68·99	68·33	67·33	67·83	67·66	.....	69·24	69·16	69·08
8	68·49	73·08	71·08	68·99	68·33	67·33	67·83	67·66	.....	68·74	69·24	69·24
9	69·16	73·08	71·08	69·16	68·24	67·24	67·74	67·58	.....	69·08	68·91	69·16
10	69·49	72·99	70·91	69·49	68·16	67·24	67·66	67·58	.....	69·24	68·74	68·83
11	69·49	72·91	70·91	69·66	68·16	67·24	67·66	67·49	.....	69·33	68·74	68·49
12	69·66	72·83	70·83	69·66	68·16	67·24	67·58	67·49	.....	69·41	68·49	68·58
13	69·66	72·74	70·74	69·66	68·16	67·24	67·58	67·33	.....	69·16	68·49	68·74
14	70·16	72·58	70·49	69·58	67·99	67·16	67·49	67·24	.....	69·33	68·83	69·08
15	70·66	72·33	70·41	69·49	67·91	67·16	67·41	67·24	.....	69·41	69·24	68·99
16	71·16	72·33	70·41	69·49	67·91	67·16	67·41	67·33	.....	69·41	69·49	69·08
17	71·41	72·24	70·24	69·33	67·83	67·16	67·41	67·24	.....	69·08	69·66	69·16
18	71·24	72·24	70·24	69·16	67·74	67·16	67·24	67·24	.....	68·83	69·66	68·99
19	71·24	71·83	70·16	69·16	67·74	67·16	67·41	67·16	.....	68·83	69·49	68·74
20	71·24	71·74	69·99	69·08	67·74	67·16	67·41	67·16	.....	68·74	69·58	68·41
21	71·33	71·66	69·99	69·16	67·83	67·16	67·24	67·16	.....	68·74	69·74	68·24
22	71·49	71·49	69·91	69·16	67·74	66·99	67·08	67·16	.....	69·16	69·33	68·41
23	71·49	71·33	69·83	69·08	67·74	66·99	67·08	67·16	.....	68·66	68·91	68·24
24	71·66	71·16	69·74	68·91	67·74	67·08	67·33	67·08	.....	68·49	68·58	68·24
25	71·83	71·08	69·74	68·74	67·66	67·08	67·24	67·08	.....	68·66	68·33	68·41
26	71·66	70·91	69·66	68·66	67·66	67·16	67·33	67·08	.....	68·66	67·99	68·49
27	71·74	70·91	69·66	68·66	67·66	67·24	67·33	67·08	.....	68·66	68·16	68·33
28	71·83	70·91	69·58	68·66	67·49	67·33	67·33	67·08	.....	68·91	68·99	68·16
29	71·91	70·83	69·58	68·66	67·58	67·41	67·33	67·08	.....	69·24	.....	68·16
30	72·08	70·83	69·41	68·66	67·49	67·49	67·24	67·16	.....	69·24	.....	68·24
31	.....	70·99	.....	68·66	67·49	.....	67·41	.....	.....	69·41	.....	68·33

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1900–01.

TABLE No. 576.

1	68·49	71·49	69·83	68·74	69·33	68·24	67·99	67·66	68·49	68·66	68·83	68·08
2	68·66	71·41	70·24	68·74	69·33	68·24	67·99	67·66	68·49	68·41	68·91	67·99
3	69·41	71·41	70·66	68·83	69·24	68·16	67·99	67·74	68·49	68·66	69·16	67·66
4	69·66	71·24	70·83	68·83	69·16	68·16	67·99	67·74	68·58	68·83	69·16	67·41
5	69·91	71·16	70·66	68·91	69·08	68·08	67·99	67·74	68·83	68·99	69·16	67·16
6	70·33	71·08	70·49	68·83	68·99	68·08	67·99	67·74	68·83	69·49	69·24	67·33
7	70·66	70·91	70·33	68·83	69·16	68·08	67·99	67·74	68·83	69·66	69·24	67·58
8	70·99	70·91	70·16	68·91	69·16	67·99	67·99	67·74	68·83	69·83	69·24	66·74
9	71·24	70·91	70·08	69·08	69·16	67·99	68·08	67·74	68·83	69·58	69·24	67·16
10	70·99	70·91	69·99	69·08	69·16	67·91	67·99	67·74	68·83	69·16	69·24	67·16
11	70·66	70·91	69·99	69·16	69·08	67·91	67·91	67·74	68·83	68·83	69·24	67·16
12	70·33	70·91	69·99	69·24	68·99	67·83	67·91	67·66	68·74	68·99	69·08	67·16
13	69·99	70·83	69·91	69·33	68·91	67·83	67·99	67·66	68·66	69·16	69·08	67·16
14	69·74	70·66	69·74	69·41	68·74	67·83	67·99	67·66	68·91	69·49	68·91	67·16
15	69·83	70·66	69·66	69·41	68·91	67·83	68·08	67·66	69·24	69·24	68·91	67·16
16	69·91	70·58	69·49	69·49	68·91	67·91	68·08	67·66	69·24	69·33	68·83	67·33
17	69·91	70·58	69·49	69·66	68·83	67·91	68·08	67·66	68·83	68·91	68·66	67·33
18	69·91	70·58	69·49	69·91	68·83	67·99	68·08	67·74	68·58	69·08	68·41	67·33
19	70·24	70·74	69·41	70·08	68·74	67·99	67·99	67·91	68·49	69·08	68·16	67·41
20	70·74	70·66	69·24	70·08	68·66	67·99	67·99	68·16	68·33	69·24	67·66	67·16
21	70·99	70·66	69·08	69·99	68·66	67·99	67·99	68·66	68·33	69·24	67·66	66·99
22	71·16	70·58	69·08	69·83	68·58	67·99	67·91	69·33	68·21	69·24	67·91	67·24
23	71·33	70·49	69·08	69·74	68·49	67·99	67·83	69·33	68·08	69·41	67·83	67·41
24	71·58	70·49	68·99	69·66	68·49	68·08	67·83	69·41	68·08	69·41	67·74	67·74
25	71·66	70·33	68·99	69·66	68·41	68·08	67·83	68·99	68·16	69·74	67·66	67·83
26	71·66	70·24	68·91	69·49	68·33	68·08	67·83	68·83	68·16	69·66	67·66	68·16
27	71·83	70·16	68·91	69·41	68·33	68·08	67·74	68·49	68·33	69·49	67·58	68·66
28	71·66	70·08	69·08	69·33	68·33	67·99	67·74	68·33	68·21	69·08	67·91	69·16
29	71·66	69·91	69·08	69·33	68·33	67·99	67·74	68·33	68·33	68·91	.....	69·41
30	71·66	69·83	69·08	69·41	68·24	67·99	67·74	68·33	68·83	68·74	.....	69·33
31	.....	69·83	.....	69·33	68·24	.....	67·74	.....	68·74	68·83	.....	69·16

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1901–02.

TABLE No. 577.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·24	71·83	70·41	69·41	68·24	67·83	67·33	67·16	67·24	67·91	68·99	66·83
2	69·08	72·08	70·49	69·33	68·24	67·83	67·33	67·24	67·24	68·41	68·99	68·16
3	69·24	72·08	70·58	69·24	68·16	67·91	67·41	67·24	67·24	68·99	68·91	68·83
4	69·33	71·99	70·74	69·16	68·16	67·91	67·33	67·24	67·24	69·49	68·83	68·99
5	70·33	71·99	70·91	68·91	68·16	67·91	67·33	67·16	67·24	69·33	68·91	69·49
6	71·33	71·99	70·91	68·83	68·08	67·83	67·33	67·16	67·16	69·66	68·49	69·49
7	71·74	71·83	70·83	68·83	68·08	67·83	67·41	67·08	67·33	69·83	68·16	69·49
8	72·24	71·66	70·83	68·91	68·08	67·74	67·33	66·99	67·74	69·83	68·08	69·33
9	72·66	71·58	70·83	68·91	68·08	67·66	67·33	66·99	67·91	69·74	67·91	68·99
10	72·74	71·58	70·74	68·83	68·08	67·58	67·33	66·99	67·66	69·74	67·83	68·91
11	72·66	71·41	70·74	68·74	68·08	67·58	67·41	67·08	67·33	69·58	67·66	68·74
12	72·24	71·41	70·74	68·74	68·08	67·58	67·33	67·16	67·41	69·41	67·74	68·99
13	71·91	71·33	70·66	68·66	68·08	67·56	57·33	67·24	67·41	69·33	67·83	69·24
14	71·74	71·33	70·49	68·66	67·99	67·58	67·33	67·24	67·41	69·16	67·83	70·24
15	71·66	71·16	70·41	68·66	67·99	67·58	67·33	67·33	68·33	68·99	67·91	70·49
16	71·58	71·08	70·16	68·58	67·99	67·74	67·33	67·24	69·33	68·99	67·74	70·58
17	71·24	70·91	69·91	68·49	67·91	67·91	67·41	67·24	69·33	68·91	67·49	70·83
18	71·08	70·83	69·83	68·41	67·91	67·83	67·41	67·24	69·49	68·99	67·49	71·83
19	70·99	70·83	69·74	68·33	67·91	67·74	67·66	67·16	69·49	68·91	67·41	71·91
20	70·99	70·83	69·74	68·24	67·83	67·66	67·66	67·08	69·49	69·16	67·33	71·66
21	71·08	70·83	69·66	68·24	67·83	67·58	67·66	66·99	69·49	69·08	67·49	71·33
22	71·24	70·83	69·66	68·24	67·83	67·58	67·49	66·99	69·58	68·99	67·33	71·24
23	71·74	70·83	69·74	68·24	67·83	67·58	67·49	66·99	70·08	68·99	67·33	71·41
24	71·99	70·74	69·74	68·24	67·83	67·49	67·41	66·99	70·08	68·99	67·16	71·41
25	72·49	70·74	69·74	68·16	67·83	67·33	67·41	66·91	69·66	69·16	67·16	71·49
26	72·66	70·66	69·74	68·16	67·83	67·33	67·24	66·91	68·66	69·16	66·99	71·33
27	72·41	70·49	69·66	68·08	67·83	67·24	67·24	66·83	68·41	69·24	66·83	71·16
28	72·33	70·49	69·58	68·08	67·83	67·16	67·24	66·74	68·24	69·16	66·83	71·08
29	72·16	70·41	69·49	67·99	67·74	67·16	67·24	66·99	68·24	69·08	.....	71·41
30	72·08	70·33	69·41	67·99	67·74	67·16	67·16	67·16	68·16	68·91	.....	71·58
31	.....	70·41	.....	68·08	67·83	.....	67·16	.....	68·08	68·99	.....	71·58

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1902–03.

TABLE No. 578.

1	71·58	70·66	70·24	69·66	69·08	68·41	67·91	68·08	68·74	70·33	68·83	68·66
2	71·66	70·74	70·24	69·58	69·08	68·41	67·83	68·08	68·74	69·99	69·08	68·99
3	71·66	70·83	70·24	69·66	69·08	68·41	67·83	68·08	68·74	69·66	69·16	69·58
4	71·41	70·83	70·33	69·58	69·24	68·41	67·83	68·08	68·74	68·74	68·91	69·58
5	71·24	70·74	70·33	69·58	69·33	68·41	67·83	68·08	68·83	68·66	68·74	69·33
6	71·16	70·74	70·33	69·58	69·33	68·41	67·83	68·08	68·99	68·66	68·74	69·08
7	70·99	70·74	70·33	69·58	69·24	68·33	67·91	68·08	69·16	68·74	68·74	68·99
8	70·91	70·74	70·33	69·58	69·16	68·49	67·91	68·08	69·13	68·74	68·74	69·08
9	70·66	70·74	70·41	69·58	69·16	68·49	67·91	68·08	69·49	68·91	68·74	69·33
10	70·41	70·74	70·41	69·58	69·08	68·33	67·91	68·08	69·66	68·91	68·74	69·58
11	70·41	70·74	70·41	69·58	69·08	68·33	67·91	68·16	69·91	69·16	68·83	69·83
12	70·58	70·74	70·41	69·49	68·99	68·24	67·91	68·16	69·91	69·16	68·83	70·24
13	70·58	70·74	70·24	69·41	68·91	68·24	67·91	68·24	69·91	69·16	68·99	70·74
14	70·58	70·74	70·24	69·41	68·91	68·24	67·91	68·24	69·99	69·41	69·16	70·99
15	70·58	70·58	70·24	69·41	68·91	68·16	67·91	68·33	70·08	69·83	69·33	71·08
16	70·58	70·41	70·08	69·41	68·83	68·16	67·99	68·41	70·24	69·66	69·66	71·08
17	70·58	70·41	69·99	69·41	68·83	68·16	67·99	68·49	69·99	69·33	69·58	71·08
18	70·58	70·41	69·99	69·41	68·74	68·16	67·99	68·49	69·58	68·83	69·49	71·16
19	70·49	70·24	69·99	69·41	68·66	68·08	67·99	68·49	69·49	68·83	69·49	71·24
20	70·41	70·24	69·91	69·41	68·66	68·08	67·99	68·66	69·41	68·58	69·49	71·58
21	70·33	70·16	69·91	69·33	68·66	68·08	67·99	68·74	69·58	68·66	69·41	71·99
22	70·24	69·99	69·91	69·24	68·66	68·08	67·91	68·74	69·41	68·99	69·41	72·08
23	70·24	69·99	69·83	69·24	68·66	68·08	67·99	68·83	69·08	69·41	69·41	72·16
24	70·24	69·99	69·83	69·24	68·66	68·08	67·91	68·91	69·33	69·24	68·91	72·33
25	70·24	69·99	69·74	69·33	68·66	67·99	67·99	68·91	69·49	69·08	68·33	72·41
26	70·24	70·08	69·74	69·33	68·66	67·91	67·91	68·91	70·08	68·91	68·33	72·33
27	70·33	70·08	69·74	69·24	68·66	67·83	67·91	68·91	70·08	68·91	68·33	72·16
28	70·58	70·08	69·74	69·24	68·66	67·83	67·91	68·83	70·08	68·91	68·33	71·99
29	70·58	70·16	69·74	69·16	68·49	67·91	67·91	68·74	70·33	69·16	.....	71·49
30	70·58	70·24	69·74	69·16	68·41	67·91	67·99	68·74	70·24	68·58	.....	71·33
31	.....	70·24	.....	69·08	68·41	.....	67·99	.....	70·16	68·58	.....	71·16

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1903–04.

TABLE No. 579.

Day.	April.	May.	June.	July.	Aug.	Sept	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·99	70·33	.....	70·24	69·24	68·66	68·41	68·41	67·66	68·66	68·66	68·66
2	70·83	70·24	69·83	70·41	69·24	68·74	68·49	68·33	67·66	68·66	68·66	68·74
3	70·91	70·24	69·83	70·49	69·33	68·74	68·49	68·33	67·66	68·66	68·66	68·74
4	70·99	70·16	69·74	70·66	69·33	68·74	68·49	68·33	67·66	67·66	68·66	68·66
5	71·08	70·16	69·74	70·49	69·33	68·74	68·49	68·33	67·66	67·83	68·08	68·08
6	71·16	70·24	69·66	70·33	69·24	68·74	68·41	68·16	67·66	67·83	68·66	68·08
7	71·33	70·33	69·66	70·33	69·24	68·58	68·41	68·16	67·66	67·99	69·08	67·74
8	71·49	70·49	69·66	70·24	69·16	68·58	68·41	67·99	67·66	67·91	69·08	68·24
9	71·41	70·66	69·66	70·08	69·16	68·49	68·66	68·08	67·66	68·16	68·66	68·33
10	71·24	70·66	69·58	69·99	69·24	68·41	68·66	68·08	67·66	68·66	68·74	68·41
11	71·08	70·58	69·58	69·91	69·24	68·41	68·66	68·08	67·41	68·66	69·08	68·91
12	70·99	70·58	69·58	69·74	69·24	68·41	68·99	68·08	67·49	68·66	69·33	68·83
13	70·91	70·66	69·66	69·74	69·24	68·41	68·91	68·16	67·66	68·66	68·74	68·74
14	70·83	70·66	69·83	69·66	69·16	68·41	68·91	67·99	68·08	68·66	68·83	68·74
15	70·66	70·66	69·83	69·58	69·16	68·41	68·91	67·99	68·24	68·66	68·83	68·66
16	70·49	70·66	69·91	69·49	69·16	68·41	68·74	67·99	68·41	68·74	69·24	68·49
17	70·49	70·66	69·99	69·49	68·99	68·41	68·74	67·83	68·24	68·66	69·24	68·41
18	70·49	70·66	69·99	69·49	68·99	68·41	68·74	67·83	68·24	68·66	68·74	68·33
19	70·49	70·66	69·91	69·41	68·99	68·41	68·83	67·66	68·41	68·74	68·91	68·41
20	70·49	70·66	69·91	69·33	68·99	68·41	68·91	67·66	68·41	68·66	68·91	68·33
21	70·49	70·66	69·91	69·33	68·99	68·41	68·99	67·66	68·41	68·74	68·91	68·24
22	70·58	70·66	69·91	69·24	68·99	68·41	68·99	67·66	68·41	68·74	68·91	68·16
23	70·58	70·49	69·99	69·24	68·99	68·41	68·99	67·66	68·41	68·08	68·91	68·16
24	70·58	70·49	70·08	69·33	68·91	68·41	68·99	67·41	68·41	68·24	69·41	68·41
25	70·49	70·33	70·08	69·33	68·83	68·41	68·66	67·41	68·41	68·66	69·33	68·74
26	70·49	70·33	70·16	69·33	68·66	68·49	68·66	67·41	68·74	68·66	68·66	69·24
27	70·49	70·33	70·24	69·33	68·66	68·49	68·66	67·58	68·74	67·99	68·66	70·66
28	70·49	70·33	70·24	69·24	68·66	68·49	68·66	67·66	68·74	67·74	68·66	70·99
29	70·49	70·33	70·33	69·24	68·66	68·49	68·41	67·66	67·74	67·74	68·66	70·83
30	70·49	70·16	70·16	69·24	68·66	68·41	68·41	67·66	68·41	67·83	.....	70·49
31	.....	70·16	.....	69·24	68·58	.....	68·41	.....	68·74	68·66	.....	70·58

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1904–05.

TABLE No. 580.

1	70·99	71·91	72·49	70·91	69·83	69·08	69·08	69·41	68·33	68·16	68·74	68·41
2	71·58	72·16	72·66	70·91	69·83	68·91	69·16	69·41	68·33	68·33	68·58	68·33
3	71·83	72·33	72·83	70·83	69·66	68·99	69·16	69·41	68·24	68·41	68·49	68·33
4	71·99	72·41	73·16	70·83	69·66	69·33	69·24	69·33	68·16	68·58	68·33	68·49
5	71·99	72·58	73·16	70·83	69·49	69·49	69·33	69·33	68·16	68·41	68·41	68·24
6	71·99	72·66	73·16	70·83	69·49	69·33	69·33	69·24	68·16	68·41	68·49	68·08
7	71·99	72·83	73·16	70·58	69·49	69·33	69·24	69·24	68·24	68·33	68·49	68·08
8	71·91	72·91	73·24	70·58	69·58	69·24	69·33	69·16	68·33	68·24	68·58	67·99
9	72·08	73·16	73·16	70·41	69·49	69·16	69·33	69·08	68·24	68·16	68·58	68·08
10	72·24	73·16	72·99	70·33	69·33	69·08	69·24	68·99	68·41	68·33	68·66	67·91
11	72·66	73·16	72·99	70·49	69·33	69·08	69·33	68·91	68·74	68·58	68·66	67·91
12	72·66	73·16	72·99	70·49	69·24	69·08	69·33	68·91	69·41	68·66	68·66	67·91
13	72·49	73·24	73·08	70·49	69·16	69·08	69·08	68·91	69·33	68·74	68·58	67·91
14	72·24	73·16	73·08	70·49	69·16	68·91	69·08	68·83	69·33	68·91	68·58	67·91
15	72·08	73·16	72·99	70·49	69·24	68·83	69·08	68·66	69·41	68·91	68·83	67·83
16	71·49	72·83	72·83	70·49	69·33	68·91	69·08	68·74	69·74	68·83	68·83	67·83
17	71·24	72·83	72·74	70·41	69·24	68·99	69·08	68·74	69·74	68·83	68·74	67·83
1	71·24	72·83	72·49	70·41	69·16	68·99	69·24	68·58	69·83	68·74	68·74	67·74
19	71·08	72·66	72·33	70·41	69·08	68·99	69·24	68·58	69·83	68·74	68·83	67·74
20	71·08	72·66	72·08	70·24	69·08	68·99	69·41	68·58	69·66	68·91	68·99	67·74
21	71·08	72·66	71·91	70·16	69·24	68·83	69·49	68·58	69·58	68·99	69·08	67·91
22	70·91	72·66	71·99	70·16	69·33	68·74	69·66	68·58	69·41	68·91	69·08	68·08
23	70·83	72·66	71·66	70·08	69·33	68·74	69·66	68·49	69·33	68·91	68·99	67·99
24	70·83	72·66	71·66	69·99	69·24	68·91	69·58	68·41	69·24	68·91	68·91	67·99
25	70·83	72·66	71·66	69·83	69·24	69·08	69·58	68·41	69·16	68·83	68·74	67·99
26	71·08	72·66	71·49	69·99	69·24	69·33	69·58	68·33	68·91	68·83	68·66	69·33
27	70·99	72·58	71·41	69·91	69·33	69·16	69·58	68·33	68·74	68·83	68·49	68·91
28	71·08	72·58	.....	69·83	69·24	69·16	69·58	68·33	68·33	68·83	68·41	69·24
29	71·24	72·58	.....	69·91	69·24	69·16	69·49	68·33	67·83	68·83	.....	69·49
30	71·58	72·58	.....	69·83	69·16	69·08	69·49	68·33	68·16	68·83	.....	69·83
31	.....	72·41	.....	69·83	69·08	.....	69·49	.....	68·08	68·74	.....	70·08

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1905–06.

TABLE No. 581.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·99	68·99	69·99	69·41	69·08	68·49	68·33	68·24	68·24	68·58	69·41	68·91
2	70·91	69·08	69·99	69·49	69·16	68·49	68·33	68·24	68·33	68·58	69·24	69·49
3	70·91	69·16	69·91	69·66	69·16	68·58	68·33	68·66	68·33	68·66	68·91	69·41
4	70·66	69·33	69·91	69·83	69·08	68·66	68·33	68·41	68·33	68·66	69·16	68·91
5	70·58	69·41	69·83	69·74	68·99	68·66	68·33	68·41	68·41	68·83	69·58	69·08
6	70·66	69·41	69·66	69·66	68·91	68·66	68·41	68·41	68·41	68·99	69·58	68·99
7	70·66	69·58	69·58	69·49	68·91	68·66	68·33	68·24	68·41	69·33	69·58	68·74
8	70·66	69·74	69·58	69·33	69·08	68·66	68·33	68·24	68·33	69·58	69·33	68·49
9	70·58	69·91	69·58	69·24	69·16	68·58	68·24	68·33	68·33	69·83	69·41	68·33
10	70·41	69·99	69·58	69·16	68·99	68·58	68·24	68·33	68·24	69·83	69·58	68·24
11	70·24	70·08	69·66	69·16	68·91	68·58	68·49	68·24	68·16	69·91	69·58	68·33
12	70·16	70·16	69·83	69·08	68·91	68·58	68·16	68·33	68·08	70·33	69·66	68·49
13	70·16	70·24	69·83	69·08	68·83	68·58	68·24	68·33	68·08	70·41	69·74	68·66
14	70·08	70·33	69·83	69·08	68·83	68·41	68·24	68·33	68·16	70·24	69·41	68·66
15	69·91	70·41	69·83	69·08	68·74	68·49	68·24	68·41	68·33	70·41	68·91	68·58
16	69·74	70·49	69·74	69·08	68·66	68·33	68·16	68·41	68·41	69·08	68·58	68·58
17	69·58	70·49	69·66	69·08	68·49	68·41	68·24	68·41	68·41	69·16	69·08	68·08
18	69·58	70·74	69·66	69·16	68·66	68·49	68·33	68·24	68·41	69·24	68·99	68·16
19	69·49	70·49	69·66	69·16	68·83	68·49	68·49	68·16	68·41	69·16	68·83	68·41
20	69·49	70·41	69·83	69·16	68·83	68·58	68·66	68·08	68·49	69·16	68·66	68·24
21	69·24	70·41	69·83	69·16	68·74	68·49	68·66	68·08	68·49	68·99	68·49	67·99
22	69·16	70·49	69·74	69·08	68·74	68·49	68·83	67·91	68·41	68·91	68·83	68·24
23	69·16	70·58	69·74	69·08	68·74	68·58	68·83	67·99	68·33	69·16	68·74	68·41
24	69·16	70·49	69·66	68·99	68·66	68·58	68·91	67·99	68·41	69·83	68·74	68·41
25	69·08	70·41	69·66	68·99	68·66	68·49	68·99	68·08	68·41	70·41	68·74	68·24
26	69·08	70·41	69·58	68·99	68·58	68·41	68·99	68·08	68·49	70·16	68·74	68·08
27	69·08	70·33	69·49	68·99	68·58	68·41	69·08	68·08	68·41	69·83	68·83	68·41
28	68·99	70·24	69·49	68·99	68·41	68·33	69·08	68·24	68·33	69·66	69·08	68·99
29	68·99	70·16	69·49	68·99	68·49	68·41	69·08	68·24	68·41	69·83	.....	69·33
30	68·99	69·66	69·33	69·08	68·49	68·33	69·08	68·33	68·49	69·91	.....	69·58
31	.....	70·08	.....	69·08	68·49	.....	69·08	.....	68·58	69·66	.....	69·49

Elevations above M.S.L, of Ottawa River at Lower Ste. Anne, for 1906–07.

TABLE No. 582.

1	69·41	69·74	70·24	69·83	68·41	67·66	67·49	67·49	67·74	69·41	68·74	68·99
2	69·33	69·91	70·24	69·74	68·41	67·66	67·41	67·58	67·74	69·33	69·58	69·08
3	69·16	69·91	70·16	69·66	68·33	67·74	67·41	67·49	67·74	69·24	69·41	68·99
4	69·16	69·91	70·08	69·58	68·33	67·83	67·41	67·49	67·74	69·24	68·91	68·83
5	69·08	69·91	70·08	69·58	68·24	67·74	67·41	67·49	67·41	68·99	69·16	68·66
6	69·08	69·99	70·08	69·49	68·24	67·66	67·41	67·66	67·24	69·08	68·91	69·58
7	68·99	69·99	70·08	69·49	68·33	67·74	67·41	67·41	67·66	69·16	69·24	68·58
8	68·91	69·99	70·49	69·49	68·33	67·74	67·49	67·41	67·91	69·24	69·83	68·49
9	68·91	69·99	70·83	69·49	68·24	67·74	67·49	67·58	68·41	69·58	70·24	68·49
10	68·91	70·16	71·08	69·49	68·24	67·74	67·49	67·58	68·99	69·74	70·08	68·49
11	68·91	70·16	70·83	69·33	68·16	67·74	67·49	67·66	69·08	70·08	69·74	68·49
12	68·99	70·24	70·58	69·24	68·16	67·58	67·49	67·66	69·24	70·33	69·66	68·41
13	69·08	70·33	70·58	69·08	68·08	67·49	67·49	67·66	69·99	70·41	69·66	68·24
14	69·16	70·66	70·41	69·08	68·08	67·66	67·49	67·41	69·99	70·49	69·58	68·08
15	69·16	70·74	70·41	69·08	68·08	67·66	67·49	67·41	69·83	70·24	69·49	67 99
16	69·24	70·74	70·33	68·99	67·99	67·66	67·58	67·33	69·49	70·41	69·49	68·08
17	69·41	70·66	70·24	68·91	67·99	67·49	67·41	67·33	69·16	68·91	69·16	68·24
18	69·41	70·66	70·24	68·83	67·91	67·49	67·49	67·33	69·16	68·33	68·91	68·58
19	69·41	70·74	70·16	68·66	67·83	67·58	67·49	67·41	69·24	68·16	68·83	68·99
20	69·49	70·74	70·08	68·66	67·83	67·49	67·49	67·66	69·41	68·24	68·74	68·91
21	69·49	70·74	70·08	68·66	67·91	67·49	67·58	67·49	69·41	68·49	68·99	68·83
22	69·49	70·74	70·08	68·66	67·83	67·49	67·58	67·49	69·41	68·58	68·99	68·74
23	69·49	70·66	70·08	68·66	68·16	67·41	67·58	67·66	69·41	68·66	69·08	68·91
24	69·58	70·66	70·08	68·66	67·99	67·33	67·58	67·83	69·49	68·66	69·33	69·24
25	69·49	70·58	70·08	68·58	67·91	67·41	67·24	67·83	69·58	68·66	69·21	69·66
26	69·74	70·58	70·08	68·58	67·83	67·41	67·74	67·83	69·49	68·66	68·99	69·74
27	69·74	70·49	69·91	68·49	67·83	67·49	67·83	67·83	69·49	68·83	68·99	69·83
28	69·74	70·49	69·66	68·49	67·74	67·49	67·74	67·91	69·24	69·16	68·91	69·99
29	69·74	70·41	70·16	68·49	67·74	67·49	67·74	67·91	69·16	69·49	.....	70·74
30	69·74	70·24	69·83	68·49	67·66	67·49	67·83	67·66	68·99	69·66	.....	71·16
31	.....	70·24	.....	68·19	67·66	.....	67·74	.....	68·33	69·83	.....	70·83

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1907–08.

TABLE No. 583.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	72·49	70·33	71·16	70·41	69·33	68·33	68·49	68·41	68·66	69·83	69·24	69·33
2	72·33	70·83	71·08	70·24	69·24	68·33	68·58	68·49	68·58	69·74	69·24	69·24
3	72·24	70·99	70·99	70·33	69·16	68·41	68·58	68·49	68·58	69·58	69·16	69·24
4	71·91	71·24	71·08	70·24	69·16	68·49	68·58	68·49	68·49	69·58	69·16	69·16
5	71·66	71·41	71·08	70·16	69·16	68·41	68·58	68·74	68·33	69·58	69·16	69·08
6	70·66	71·49	71·08	70·16	69·24	68·33	68·58	68·83	68·41	69·66	69·16	68·99
7	71·08	71·41	71·16	70·16	69·16	68·33	68·58	68·91	68·49	69·66	69·24	68·91
8	70·99	71·24	71·08	70·08	69·16	68·33	68·74	69·33	68·49	69·66	69·33	68·83
9	70·74	71·08	71·08	70·08	69·08	68·33	68·74	69·74	68·41	69·74	69·49	68·66
10	70·74	70·74	70·99	69·99	68·99	68·41	68·74	69·83	68·49	69·74	69·49	68·74
11	70·49	70·74	70·99	69·91	68·99	68·58	68·83	69·91	68·49	69·66	69·83	68·83
12	70·41	70·66	70·83	69·83	68·99	68·41	68·83	69·74	68·58	69·83	69·66	68·91
13	70·49	70·58	70·83	69·74	68·91	68·41	68·83	69·58	68·83	70·08	69·74	68·83
14	70·58	70·74	70·83	69·74	68·74	68·41	68·74	69·41	69·16	70·08	69·49	68·74
15	70·58	70·58	70·91	69·66	68·83	68·41	68·74	69·49	68·99	69·99	68·99	68·99
16	70·49	70·58	70·91	69·66	68·74	68·41	68·66	69·41	68·83	69·99	69·08	69·33
17	70·41	70·66	70·83	69·66	68·83	68·49	68·74	69·24	68·74	71·08	69·33	69·91
18	70·33	70·66	70·74	69·49	68·74	68·49	68·74	69·16	68·74	70·91	69·66	69·91
19	70·24	70·66	70·83	69·58	68·74	68·33	68·66	69·16	69·08	70·58	69·74	69·91
20	70·16	70·74	70·66	69·49	68·74	68·33	68·66	69·08	69·08	70·24	69·83	69·83
21	70·08	71·24	70·58	69·49	68·66	68·33	68·58	68·99	69·08	70·08	70·16	69·49
22	69·99	71·33	70·58	69·41	68·58	68·33	68·58	68·99	69·08	69·74	70·33	69·58
23	69·91	71·49	70·49	69·49	68·58	68·41	68·58	68·99	68·99	69·08	70·41	69·41
24	69·74	71·58	70·33	69·41	68·49	68·49	68·49	68·91	68·83	69·24	70·33	69·33
25	69·74	71·66	70·33	69·41	68·58	68·41	68·49	68·83	68·83	69·99	70·33	69·74
26	69·74	71·66	70·33	69·41	68·58	68·49	68·49	68·66	68·83	69·41	70·24	69·99
27	69·83	71·49	70·24	69·16	68·49	68·58	68·58	68·66	68·91	69·08	69·91	70·33
28	69·66	71·49	70·08	69·24	68·41	.....	68·66	68·66	69·08	68·91	69·33	70·49
29	69·66	71·49	70·16	69·33	68·33	.....	68·58	68·66	69·33	68·83	69·41	70·83
30	69·74	71·49	70·08	69·33	68·41	.....	68·49	68·66	69·74	68·74	.....	71·16
31	.....	71·49	.....	69·16	68·33	.....	68·49	.....	69·58	68·58	.....	71·33

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1908–09.

TABLE No. 584.

1	71·49	72·33	73·49	70·91	69·66	68·91	68·33	67·41	67·83	69·49	68·83	68·66
2	71·33	72·83	73·16	70·83	69·58	68·83	68·24	67·49	67·91	69·33	68·99	68·66
3	71·23	73·08	73·33	70·74	69·58	68·74	68·16	67·66	68·08	69·08	69·08	68·58
4	71·33	73·49	73·33	70·66	69·58	68·74	68·16	67·49	68·24	68·66	68·99	68·41
5	71·24	73·66	73·24	70·58	69·58	68·74	68·16	67·66	68·08	67·91	68·99	68·41
6	71·33	73·58	73·33	70·58	69·58	68·83	68·08	67·49	68·08	68·08	68·99	68·49
7	71·41	73·49	73·16	70·49	69·49	68·74	68·08	67·58	68·08	68·16	68·91	68·58
8	71·99	73·41	73·08	70·49	69·49	68·74	68·08	67·66	67·99	68·33	68·83	68·58
9	71·91	73·91	72·99	70·49	69·49	68·66	68·08	67·74	67·99	68·58	68·74	68·49
10	71·66	73·99	72·83	70·41	69·41	68·66	67·99	67·74	68·08	68·91	68·83	68·33
11	71·91	74·16	72·74	70·41	69·41	68·66	67·99	67·74	67·58	68·99	68·99	68·16
12	71·91	74·24	72·49	70·24	69·41	68·66	67·99	67·58	67·83	69·16	68·99	68·24
13	72·24	74·33	72·33	70·24	69·41	68·58	67·99	67·49	67·91	68·74	68·99	68·41
14	71·16	74·41	72·16	70·24	69·41	68·58	67·91	67·58	67·99	68·41	69·16	68·24
15	71·08	74·49	72·08	70·24	69·41	68·49	67·91	67·49	67·91	68·33	68·91	68·41
16	71·91	74·24	71·99	70·16	69·33	68·41	67·99	67·74	67·66	68·58	68·58	68·33
17	71·74	74·21	71·91	70·08	69·24	68·41	67·99	67·83	67·58	68·91	68·41	68·33
18	71·49	74·33	71·83	70·08	69·24	68·33	67·91	67·74	67·41	68·99	68·24	68·33
19	71·33	74·41	71·74	70·16	69·24	68·33	67·99	67·74	67·66	68·74	68·24	68·24
20	71·24	74·08	71·58	70·16	69·24	68·24	67·83	67·66	67·74	68·58	68·24	68·24
21	71·24	74·16	71·58	70·16	69·24	68·24	67·66	67·49	67·91	68·66	68·24	68·16
22	71·33	74·08	71·58	70·16	69·24	68·33	67·66	67·49	68·08	68·58	68·16	68·08
23	71·33	73·99	71·41	70·24	69·24	68·33	67·66	67·49	68·24	68·58	68·16	68·08
24	71·41	73·83	71·33	70·16	69·16	68·33	67·58	67·49	68·16	68·49	68·08	68·08
25	71·41	73·83	71·24	69·99	69·16	68·33	67·66	67·58	68·16	68·49	68·08	68·08
26	71·49	73·83	71·24	69·83	69·08	68·33	67·74	67·49	68·08	68·33	68·08	68·08
27	71·58	73·66	71·16	69·74	68·99	68·16	67·74	67·33	69·58	68·24	67·99	68·08
28	71·74	73·74	71·08	69·83	68·91	68·33	67·83	67·58	68·08	68·33	68·58	68·16
29	71·74	73·58	70·99	69·74	68·91	68·16	67·83	67·58	69·41	68·33	.....	68·33
30	71·99	73·58	70·83	69·58	68·83	68·41	67·74	67·74	69·58	68·74	.....	68·58
31	.....	73·49	.....	69·66	68·91	.....	67·49	.....	69·49	68·74	.....	68·58

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1909–10.

TABLE No. 585.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·24	71·66	73·74	70·16	69·99	68·66	68·33	67·74	67·99	68·91	68·41	67·16
2	69·41	71·83	73·74	70·16	69·99	68·74	68·24	67·66	68·08	68·99	68·33	67·49
3	69·58	71·99	73·74	70·08	69·91	68·66	68·33	67·66	68·16	68·99	68·16	67·66
4	69·58	72·49	73·33	70·16	69·83	68·66	68·24	67·83	68·16	68·83	68·08	67·99
5	70·24	72·33	73·33	69·99	69·74	68·91	68·33	67·74	68·08	68·66	67·99	68·16
6	70·74	72·08	72·91	69·91	69·74	68·49	68·24	67·74	68·08	68·58	67·91	68·49
7	71·41	71·83	72·74	69·91	69·66	68·66	68·24	67·66	68·08	68·74	67·91	68·99
8	71·74	71·74	72·66	69·83	69·66	68·58	68·24	67·74	68·08	68·74	67·83	69·41
9	72·41	71·83	72·49	69·74	69·58	68·66	68·24	67·74	68·08	68·83	67·83	69·58
10	72·74	71·74	72·24	69·74	69·49	68·49	68·24	67·74	68·08	68·83	67·74	69·49
11	72·66	72·16	71·91	69·58	69·41	68·49	68·24	67·74	68·33	68·83	67·74	69·24
12	71·49	72·74	71·83	69·66	69·16	68·49	68·24	67·74	68·24	68·83	67·74	69·08
13	71·33	72·99	71·74	69·58	69·16	68·41	68·16	67·74	68·16	69·24	67·83	68·83
14	71·49	73·16	71·74	69·58	69·16	68·33	68·24	67·66	67·99	69·16	67·66	68·83
15	71·83	73·16	71·58	69·58	69·08	68·33	68·24	67·58	67·99	68·66	67·66	68·83
16	71·91	73·33	71·33	69·49	69·08	68·33	68·24	67·66	68·08	68·41	67·58	68·74
17	71·83	73·16	71·24	69·41	69·24	68·49	68·08	67·58	67·99	68·41	67·83	68·66
18	72·08	73·41	71·08	69·41	69·08	68·49	68·08	67·58	67·99	67·91	67·83	68·66
19	72·08	73·83	70·91	69·41	68·99	68·41	68·08	67·83	67·99	67·83	67·83	68·66
20	72·08	73·66	70·91	69·49	68·83	68·41	67·99	67·74	68·08	67·83	67·83	68·74
21	71·99	73·58	70·91	69·41	68·99	68·41	67·99	67·83	68·16	67·83	67·83	68·83
22	71·99	73·83	70·91	69·41	68·91	68·41	67·99	67·91	68·08	67·83	67·49	68·99
23	71·99	74·16	70·83	69·41	68·83	68·41	67·99	67·74	68·08	67·83	67·24	69·33
24	71·99	73·91	70·74	69·41	68·91	68·41	67·99	67·91	68·08	67·91	67·24	69·49
25	71·99	73·91	70·66	69·41	68·83	68·41	67·83	67·99	68·08	68·08	67·49	69·66
26	71·99	73·83	70·58	69·49	68·91	68·33	67·91	67·74	68·08	68·16	67·83	69·83
27	71·91	74·16	70·49	69·58	68·83	68·33	67·99	67·83	68·08	68·24	67·91	69·83
28	71·91	74·16	70·41	69·58	68·83	68·33	67·91	67·83	68·16	68·33	68·08	70·08
29	71·74	74·16	70·33	69·66	68·83	68·33	67·83	67·91	68·24	68·41	.....	69·58
30	71·33	74·16	70·24	69·74	68·83	68·24	67·83	67·91	68·49	68·49	.....	69·66
31	.....	74·08	.....	69·91	68·74	.....	67·83	.....	68·83	68·58	.....	69·66

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1910–11.

TABLE No. 586.

1	69·74	70·74	69·74	68·99	68·08	67·83	67·49	67·91	66·99	67·83	68·08	67·83
2	69·83	70·66	69·66	68·91	68·16	67·83	67·49	67·91	67·08	67·83	68·16	67·83
3	69·91	70·66	69·74	68·91	68·08	67·74	67·66	67·91	67·08	67·91	68·24	68·08
4	69·91	70·83	69·74	68·83	68·16	67·91	67·58	67·83	67·08	67·99	68·24	68·08
5	69·99	70·91	69·66	68·83	68·16	67·91	67·66	67·66	67·08	67·99	68·24	67·66
6	69·99	70·83	69·74	68·66	68·16	67·91	67·66	67·49	67·16	68·08	68·24	67·33
7	70·08	70·66	69·91	68·66	68·16	67·91	67·83	67·49	67·08	68·24	68·24	67·24
8	70·08	70·74	69·99	68·66	68·16	67·99	67·83	67·58	67·16	68·24	68·24	67·24
9	70·16	70·66	70·08	68·66	68·08	67·99	67·83	67·66	67·24	68·33	68·33	67·16
10	70·24	70·58	69·99	68·66	68·24	67·99	67·91	67·83	67·66	68·49	68·58	66·99
11	70·33	70·66	69·99	68·58	68·16	67·99	67·83	67·74	67·83	68·58	68·24	66·99
12	70·33	70·49	69·91	68·58	68·16	68·08	67·91	67·91	67·91	68·74	68·08	66·99
13	70·24	70·33	69·91	68·41	68·08	67·99	67·83	67·91	67·99	68·83	67·83	66·99
14	70·16	70·24	69·99	68·49	67·99	67·99	67·91	67·91	68·33	68·91	67·83	67·08
15	70·16	70·08	69·99	68·41	68·08	67·74	67·83	67·91	68·58	68·74	67·74	67·08
16	70·16	69·99	69·91	68·41	68·08	67·74	67·74	67·66	68·58	68·58	67·83	66·99
17	70·16	69·99	69·83	68·33	67·99	67·74	67·74	67·58	68·66	68·41	67·91	66·91
18	70·08	69·91	69·74	68·24	67·91	67·74	67·83	67·58	68·74	68·41	67·91	66·99
19	70·08	69·83	69·74	68·24	67·99	67·66	67·83	67·58	68·74	68·49	68·08	66·99
20	70·08	69·83	69·66	68·16	67·91	67·66	67·83	67·58	68·58	68·49	67·99	67·16
21	70·49	69·83	69·58	68·24	67·91	67·58	67·74	67·58	68·58	68·49	68·16	67·16
22	70·41	69·74	69·33	68·24	67·99	67·41	67·66	67·58	68·49	67·99	68·24	67·24
23	70·33	69·74	69·49	68·16	67·99	67·58	67·58	67·66	68·41	68·08	68·41	67·33
24	70·33	69·66	69·49	68·24	67·83	67·33	67·66	67·58	68·66	68·41	68·58	67·33
25	70·24	69·74	69·33	68·33	67·99	67·33	67·74	67·66	68·83	68·16	68·33	67·49
26	70·33	69·74	69·24	68·33	67·83	67·49	67·74	67·66	68·99	68·16	67·91	67·49
27	70·49	69·66	69·24	68·24	67·99	67·49	67·83	67·66	68·83	67·99	67·83	67·58
28	70·58	69·66	69·16	68·24	67·99	67·41	67·74	67·66	68·49	67·99	67·83	67·58
29	70·66	69·66	69·16	68·16	67·99	67·49	67·83	67·49	68·41	68·08	.....	67·83
30	70·66	69·66	68·99	68·08	67·91	67·41	67·83	67·33	68·41	68·08	.....	67·99
31	.....	69·74	.....	68·08	67·83	.....	67·83	.....	68·41	68·16	.....	68·16

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1911–12.

TABLE No. 587.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·24	69·99	70·33	68·91	67·66	67·08	66·74	66·83	66·91	69·16	68·08	68·49
2	68·33	70·24	70·24	68·83	67·58	67·08	66·74	66·58	67·08	69·33	68·08	68·33
3	68·41	70·49	69·99	68·83	67·58	67·08	66·66	66·49	66·99	69·41	68·33	68·33
4	68·33	70·83	70·16	68·83	67·58	67·16	66·58	66·74	67·16	69·49	68·16	68·24
5	68·41	70·91	70·08	68·83	67·58	66·99	66·74	66·74	67·24	69·49	67·91	68·16
6	68·49	71·08	69·99	68·74	67·58	67·16	66·91	66·74	67·24	69·33	68·24	68·08
7	68·66	70·91	70·08	68·74	67·58	67·16	66·91	66·74	67·33	69·16	68·58	67·91
8	69·16	71·16	69·91	68·66	67·58	67·08	66·58	66·74	67·33	69·08	68·66	67·91
9	69·58	71·16	69·91	68·41	67·49	66·91	66·74	66·83	67·24	68·83	68·49	67·83
10	69·91	71·16	69·91	68·41	67·49	66·83	66·83	67·08	67·33	68·58	68·33	67·83
11	70·33	71·41	69·83	68·41	67·58	67·16	66·83	66·91	67·33	68·49	68·24	67·74
12	70·66	71·16	69·83	68·33	67·49	67·16	66·74	66·99	67·49	68·49	68·08	67·83
13	71·16	71·16	69·83	68·24	67·41	66·99	66·74	66·83	67·83	68·49	68·16	67·74
14	71·16	71·16	69·74	68·24	67·58	66·91	66·66	67·16	67·99	68·58	68·33	67·66
15	71·16	70·99	69·91	68·16	67·58	67·08	66·66	67·33	67·99	68·41	68·33	68·08
16	71·16	70·99	69·83	67·99	67·66	66·99	66·74	66·99	67·99	68·24	68·24	67·66
17	71·24	70·83	69·83	67·91	67·58	67·08	66·83	66·91	67·99	68·33	68·24	67·66
18	71·33	70·66	69·74	68·08	67·49	66·99	66·83	66·99	67·99	68·33	68·16	67·66
19	71·24	70·58	69·74	68·08	67·49	66·91	66·91	66·99	68·08	68·33	67·74	67·66
20	71·24	70·49	69·74	67·91	67·41	66·91	66·83	67·24	68·08	68·41	68·24	67·58
21	71·08	70·33	69·58	67·91	67·33	66·91	66·83	67·16	67·99	68·41	67·49	67·66
22	70·91	70·24	69·49	67·91	67·41	66·83	66·83	67·16	67·99	68·41	67·33	68·08
23	69·83	70·24	69·41	67·91	67·41	66·91	66·74	67·16	67·99	68·49	67·33	67·91
24	69·66	70·24	69·33	67·99	67·41	66·91	66·83	67·16	68·08	68·58	67·74	67·74
25	69·66	70·16	69·16	67·99	67·33	66·83	66·91	67·08	67·83	68·58	67·74	67·66
26	69·66	70·33	68·99	67·99	67·33	66·91	66·91	67·16	67·74	68·49	67·74	67·66
27	69·66	70·49	69·08	67·91	67·24	66·91	66·91	66·99	67·74	68·08	67·91	67·66
28	70·58	70·41	69·08	67·91	67·33	66·83	66·74	67·16	67·99	67·99	67·99	67·49
29	69·66	70·49	68·99	67·74	67·33	66·83	66·83	66·99	68·24	68·08	68·16	67·49
30	69·83	70·49	68·99	67·66	67·24	66·74	66·83	67·16	68·33	68·08	.....	67·49
31	.....	70·41	.....	67·66	67·16	.....	66·99	.....	68·66	68·08	.....	67·66

Elevations above M.S.L. of, Ottawa River at Lower Ste. Anne, for 1912–13.

TABLE No. 588.

1	67·83	70·99	73·49	70·08	68·91	68·49	69·08	69·08	69·16	68·99	70·41	69·57
2	67·83	70·99	73·33	70·08	68·83	68·49	68·83	68·99	68·99	68·95	70·16	69·53
3	67·83	70·83	73·08	70·24	68·83	68·41	68·83	68·83	69·08	68·87	70·33	69·24
4	67·83	70·74	72·91	69·91	68·66	68·41	68·83	68·91	69·49	68·99	70·33	69·33
5	67·99	70·66	72·49	69·83	68·74	68·49	68·83	68·99	69·58	69·03	70·28	69·41
6	68·08	70·74	72·49	69·74	68·83	68·58	68·33	68·99	69·58	69·20	70·24	69·37
7	69·08	70·74	72·24	69·74	68·74	68·49	68·33	69·24	69·66	69·49	70·11	69·37
8	71·16	70·66	72·24	69·66	68·74	68·58	68·16	69·66	69·83	69·66	69·87	69·41
9	70·74	70·66	71·91	69·58	68·91	68·58	68·24	70·08	69·99	69·70	69·70	69·53
10	70·91	70·66	71·91	69·58	68·91	68·58	68·24	70·33	70·08	70·20	69·78	69·45
11	70·91	70·74	71·66	69·58	68·91	68·66	68·08	70·24	70·16	70·58	69·83	69·24
12	70·99	70·74	71·66	69·41	68·91	68·49	67·99	70·16	69·99	70·58	70·12	69·16
13	71·08	70·83	71·58	69·41	68·91	68·41	68·16	69·99	69·74	70·41	70·03	69·16
14	70·91	70·74	71·41	69·16	68·83	68·41	68·16	69·99	69·99	70·53	69·95	69·28
15	70·83	70·91	71·41	69·16	68·74	68·41	68·16	70·08	69·74	70·87	69·87	69·66
16	71·08	70·91	71·49	69·33	68·74	68·41	68·24	69·99	69·49	70·95	69·49	70·45
17	71·16	70·99	71·16	69·24	68·74	68·41	68·08	69·99	69·28	70·33	69·53	70·70
18	71·41	71·24	71·24	69·24	68·74	68·41	68·16	69·83	69·03	70·20	69·66	70·78
19	71·49	71·24	71·24	69·08	68·58	68·49	68·16	69·83	69·24	70·74	69·87	70·53
20	71·16	71·58	71·08	68·99	68·58	68·41	68·16	69·58	69·28	70·99	69·95	70·74
21	71·08	71·58	70·99	69·08	68·58	68·41	68·33	69·49	69·33	70·91	69·74	70·99
22	71·24	71·66	70·91	69·08	68·58	68·58	68·24	69·41	69·37	71·08	69·45	71·66
23	71·24	71·66	70·83	69·08	68·49	68·49	68·33	69·41	69·45	71·28	69·16	72·28
24	71·49	71·74	70·83	68·99	68·66	68·49	68·49	69·24	69·53	71·12	69·12	72·45
25	71·49	71·83	70·83	68·99	68·58	68·58	68·58	69·16	69·58	71·03	69·28	72·91
26	71·66	72·08	70·66	68·91	68·83	68·58	68·74	69·33	69·45	70·78	69·57	73·16
27	71·83	71·91	70·58	68·91	68·66	68·49	68·83	69·16	69·28	70·45	69·61	72·99
28	71·49	72·16	70·49	68·91	68·41	68·49	68·99	69·24	69·03	70·66	69·66	72·78
29	71·58	72·33	70·33	68·99	68·58	68·83	68·99	69·16	68·99	70·91	.....	72·83
30	71·24	72·83	70·24	69·08	68·41	68·83	68·99	68·91	68·99	70·95	.....	72·57
31	.....	73·33	.....	68·91	68·41	.....	68·99	.....	69·08	70·91	.....	72·61

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1913–14.

TABLE No. 589.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	72·91	71·74	71·08	69·66	69·08	68·66	68·16	68·58	69·05	68·49	68·99	68·12
2	73·16	71·87	71·08	69·66	69·08	68·62	68·16	68·83	69·08	68·53	69·12	68·03
3	73·03	72·12	70·95	69·66	68·99	68·58	68·24	68·83	69·08	68·66	69·45	68·03
4	72·78	72·20	70·87	69·54	68·99	68·53	68·24	68·79	69·08	69·16	69·41	67·87
5	72·95	72·37	70·74	69·49	68·95	68·44	68·16	68·70	69·08	69·78	68·99	67·83
6	73·28	72·41	70·66	69·45	68·91	68·33	68·16	68·66	69·08	70·07	68·91	67·87
7	73·12	72·49	70·66	69·41	68·91	68·33	68·16	68·53	69·03	70·03	68·91	67·66
8	72·83	72·53	70·58	69·41	68·83	68·33	68·16	68·41	69·03	69·62	68·99	67·66
9	72·53	72·41	70·49	69·41	68·83	68·33	68·12	68·53	69·08	69·41	69·08	67·33
10	72·24	72·24	70·37	69·45	68·87	68·33	68·08	68·66	69·08	69·37	69·16	67·37
11	72·16	72·16	70·37	69·37	68·83	68·24	68·03	68·78	69·03	69·12	69·16	67·66
12	72·12	72·08	70·49	69·33	68·83	68·20	67·99	68·91	68·95	69·28	68·66	67·66
13	72·03	71·95	70·41	69·28	68·83	68·16	68·03	68·91	68·91	69·33	68·37	67·74
14	71·95	71·91	70·41	69·24	68·74	68·16	68·08	68·91	68·83	69·28	68·70	67·74
15	71·83	71·83	70·41	69·33	68·74	68·24	68·08	68·87	68·74	69·62	68·87	67·70
16	71·78	71·58	70·33	69·41	68·70	68·24	67·99	68·74	68·78	69·78	68·99	67·66
17	71·74	71·45	70·33	69·33	68·70	68·28	67·91	68·70	68·91	69·87	69·28	67·62
18	71·74	71·49	70·24	69·33	68·66	68·28	67·91	68·78	68·99	70·08	69·62	67·87
19	71·74	71·37	70·16	69·33	68·66	68·20	67·83	68·95	68·91	69·95	69·53	68·08
20	71·74	71·33	70·12	69·33	68·58	68·16	67·95	69·08	68·66	70·08	69·45	68·12
21	71·74	71·29	70·08	69·33	68·49	68·16	68·03	69·16	68·83	69·99	69·37	68·24
22	71·74	71·24	69·99	69·28	68·49	68·24	68·28	69·16	68·70	69·70	69·28	68·49
23	71·74	71·12	69·99	69·24	68·53	68·33	68·41	69·20	68·62	69·95	69·24	68·41
24	71·66	71·04	69·95	69·24	68·66	68·29	68·53	69·24	68·45	70·12	69·20	68·20
25	71·66	70·95	69·91	69·24	68·66	68·24	68·74	69·20	68·49	69·74	69·03	68·08
26	71·66	70·99	69·91	69·20	68·66	68·24	68·70	69·16	68·37	69·37	68·91	68·03
27	71·66	70·99	69·83	69·16	68·66	68·24	68·66	69·08	68·24	69·37	68·70	68·66
28	71·66	71·03	69·78	69·16	68·66	68·20	68·78	68·91	68·37	69·49	68·33	69·49
29	71·66	71·12	69·70	69·16	68·66	68·24	68·87	68·91	68·49	69·57	.....	69·74
30	71·66	71·16	69·66	69·16	68·66	68·20	68·91	68·99	68·49	69·11	.....	69·83
31	.....	71·16	.....	69·11	68·66	.....	68·83	.....	68·49	69·07	.....	69·91

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1914–15.

TABLE No. 590.

1	69·91	70·33	69·41	68·99	68·08	67·91	67·49	67·37	67·24	68·45	68·33	68·12
2	69·99	70·45	69·37	69·03	68·16	67·95	67·49	67·41	67·24	68·70	68·28	68·37
3	70·08	70·49	69·33	68·99	68·20	67·99	67·41	67·41	67·37	68·83	68·12	68·20
4	70·12	70·49	69·28	69·08	68·12	67·99	67·41	67·41	67·41	68·62	67·91	68·24
5	70·03	70·45	69·20	68·99	68·08	67·99	67·41	67·41	67·41	68·49	67·99	68·20
6	69·99	70·41	69·08	68·99	68·08	68·08	67·37	67·45	67·20	68·53	67·87	67·95
7	69·83	70·45	69·08	68·95	68·08	68·08	67·33	67·41	67·16	68·37	67·41	67·70
8	69·53	70·41	69·16	68·91	68·08	68·08	67·28	67·41	67·08	67·91	67·12	67·62
9	69·41	70·41	69·20	68·91	68·08	68·03	67·33	67·37	67·08	67·95	67·12	67·62
10	69·41	70·41	69·16	68·91	68·08	67·91	67·33	67·33	67·12	68·24	67·33	67·66
11	69·66	70·41	69·16	68·91	68·08	67·87	67·33	67·33	67·16	68·58	67·78	67·66
12	69·66	70·41	69·12	68·74	68·03	67·83	67·41	67·28	67·24	68·41	67·91	67·70
13	69·78	70·37	69·08	68·70	67·91	67·74	67·45	67·21	67·37	68·20	67·78	67·70
14	69·62	70·33	68·99	68·66	67·87	67·74	67·37	67·08	67·33	68·45	67·58	67·66
15	69·45	70·33	68·99	68·66	67·91	67·74	67·28	67·24	67·28	68·70	67·53	67·66
16	69·24	70·33	68·99	68·62	67·99	67·74	67·41	67·28	67·74	68·58	67·37	67·58
17	69·20	70·33	68·95	68·58	68·08	67·70	67·33	67·45	68·08	68·12	67·37	67·58
18	69·37	70·20	68·91	68·58	68·03	67·66	67·37	67·53	68·33	67·70	67·58	67·49
19	69·58	70·16	68·87	68·58	67·95	67·62	67·41	67·62	68·41	67·53	67·58	67·49
20	69·91	70·08	68·83	68·49	67·99	67·58	67·41	67·49	68·83	67·53	67·49	67·49
21	70·12	70·03	68·87	68·49	67·95	67·58	67·41	67·45	69·12	67·66	67·37	67·49
22	70·03	69·95	68·91	68·45	67·99	67·66	67·45	67·45	69·03	67·95	67·28	67·53
23	70·08	69·83	68·95	68·41	67·95	67·66	67·37	67·41	68·74	68·16	67·33	67·62
24	69·99	69·74	68·99	68·41	67·91	67·66	67·33	67·37	68·24	68·20	67·37	67·70
25	69·91	69·70	69·03	68·41	67·91	67·62	67·33	67·37	67·95	68·37	67·58	67·99
26	69·99	69·66	69·08	68·41	67·91	67·49	67·33	67·41	67·91	68·49	68·03	68·37
27	70·08	69·58	69·08	68·37	67·87	67·58	67·33	67·41	68·03	68·62	67·99	68·78
28	70·28	69·58	68·95	68·33	67·74	67·58	67·33	67·41	68·41	68·74	67·99	68·62
29	70·33	69·62	68·95	68·28	67·66	67·58	67·33	67·33	68·83	68·70	.....	68·37
30	70·28	69·49	68·99	68·24	67·87	67·53	67·33	67·28	68·74	68·37	.....	68·28
31	.....	69·41	.....	68·12	67·91	.....	67·33	.....	68·24	68·33	.....	68·03

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1903.

TABLE No. 591.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1											152·0	152·0
2											152·1	152·1
3											152·1	152·1
4											152·1	152·1
5											152·2	152·1
6											152·2	152·1
7											152·2	152·2
8											152·1	152·2
9											152·1	152·2
10											152·1	152·2
11											152·1	*152·3
12											152·0	152·3
13											152·0	152·4
14											152·1	152·5
15											152·0	152·4
16											152·0	152·4
17											152·1	152·3
18											152·1	152·4
19											152·1	152·5
20											152·1	152·7
21											152·1	152·5
22											152·1	152·7
23											152·1	152·4
24											152·1	152·7
25											152·1	152·7
26											152·1	153·0
27											152·2	153·0
28											152·2	152·4
29											.....	152·4
30											.....	152·4
31											.....	152·4

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1903–04.

TABLE No. 592.

1	152·4	152·3	152·1	152·0	152·2	152·0	151·7	151·6	151·2	152·0	152·1	152·1
2	152·3	152·3	152·0	152·1	152·2	152·0	151·7	151·6	151·2	152·0	152·1	152·2
3	152·3	152·4	152·0	152·2	152·2	152·0	151·7	151·6	151·1	152·1	152·0	152·2
4	152·3	152·4	152·0	152·2	152·2	152·0	151·7	151·6	151·1	152·1	152·0	152·2
5	152·4	152·3	151·7	152·2	152·2	152·0	151·7	151·5	151·1	152·2	152·0	152·2
6	152·4	152·3	151·7	152·2	152·2	152·0	151·6	151·4	151·0	152·2	151·7	152·2
7	152·3	152·3	152·0	152·2	152·2	151·7	151·6	151·4	151·0	152·2	151·7	152·3
8	152·4	152·2	152·0	152·2	152·2	151·7	151·7	151·4	151·0	152·2	152·0	152·3
9	152·3	152·2	152·0	152·2	152·2	152·0	151·6	151·4	150·7	152·1	152·0	152·3
10	152·4	152·2	152·0	152·2	152·2	152·0	151·5	151·5	150·7	152·2	152·2	152·4
11	152·4	152·3	152·0	152·2	152·2	152·0	151·5	151·5	150·7	152·2	152·2	152·3
12	152·4	152·2	152·1	152·2	152·2	152·0	151·7	151·4	151·0	152·1	152·1	152·2
13	152·4	152·2	152·2	152·2	152·2	152·0	151·7	151·4	151·2	152·0	152·1	152·2
14	152·1	152·2	152·1	152·2	152·2	152·0	151·7	151·4	151·1	152·0	152·0	152·3
15	152·1	152·2	152·0	152·2	152·2	152·0	151·7	151·4	150·7	152·0	152·0	152·3
16	152·2	152·2	152·0	152·1	152·2	152·0	151·7	151·4	150·7	152·0	152·0	152·3
17	152·3	152·2	152·0	152·1	152·1	152·0	151·6	151·4	151·2	152·1	152·0	152·3
18	152·5	152·2	152·0	152·0	152·1	152·0	151·6	151·3	151·2	152·2	151·7	152·3
19	152·3	152·2	152·1	152·0	152·0	151·7	151·6	151·3	151·3	152·2	151·7	152·3
20	152·4	152·2	152·1	152·0	152·2	151·7	151·7	151·3	151·4	152·2	151·7	152·2
21	152·4	152·2	152·1	152·1	152·2	151·7	151·7	151·3	151·5	152·1	151·7	152·3
22	152·5	152·2	152·1	152·2	152·3	151·7	151·7	151·3	151·6	152·1	152·0	152·3
23	152·5	152·2	152·1	152·2	152·0	152·0	151·6	151·2	151·6	152·1	152·0	152·5
24	152·4	152·1	152·2	152·2	152·0	151·7	151·6	151·2	151·7	152·1	152·0	152·5
25	152·4	152·1	152·2	152·2	152·0	151·7	151·6	151·2	151·7	152·1	152·1	153·0
26	152·3	152·1	152·2	152·2	152·0	152·0	151·6	151·3	152·0	152·2	152·1	153·1
27	152·4	152·1	152·1	152·2	151·7	152·0	151·6	151·3	152·0	152·2	152·0	153·2
28	152·3	152·1	152·0	152·1	151·6	152·0	151·6	151·3	152·0	152·2	152·0	153·2
29	152·3	152·2	152·0	152·1	151·6	152·0	151·6	151·2	152·0	152·1	152·1	153·0
30	152·3	152·2	152·0	152·2	152·0	151·7	151·6	151·2	152·0	152·1	...	152·7
31		152·1		152·2	152·0		151·6		152·0	152·1		152·7

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1904–05.

TABLE No. 593.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	152·5	152·7	152·6	152·6	152·5	152·2	152·4	152·2	151·6	151·7	151·5	151·7
2	152·5	152·7	152·6	152·6	152·6	152·2	152·4	152·2	151·5	151·7	151·6	151·7
3	152·4	152·7	152·6	152·6	152·6	152·2	152·3	152·1	151·5	152·0	151·6	151·6
4	152·5	152·6	152·7	152·6	152·5	152·2	152·3	152·2	151·5	152·0	151·6	151·5
5	152·4	152·6	152·7	152·6	152·5	152·2	152·2	152·1	151·6	151·7	151·5	151·5
6	152·4	152·6	152·7	152·6	152·5	152·2	152·2	152·1	151·6	151·7	151·6	151·5
7	152·3	152·5	152·7	152·6	152·5	152·2	152·2	152·1	151·5	151·7	151·7	151·4
8	152·4	152·7	152·7	152·6	152·4	152·2	152·3	152·0	151·4	151·7	151·7	151·5
9	152·6	152·6	152·7	152·6	152·4	152·1	152·2	152·0	151·4	151·7	151·7	151·4
10	152·6	152·5	152·7	152·6	152·4	152·1	152·4	152·0	151·4	151·7	152·0	151·3
11	152·6	152·5	152·7	152·6	152·3	152·4	152·3	152·7	151·4	151·7	152·0	151·4
12	152·6	152·7	152·7	152·6	152·3	152·4	152·2	152·7	151·4	151·7	151·7	151·4
13	152·7	152·6	152·7	152·6	152·2	152·4	152·0	152·7	151·5	151·7	151·7	151·3
14	152·6	152·6	152·7	152·6	152·2	152·4	152·0	152·7	151·5	151·7	152·0	151·3
15	152·7	152·5	152·7	152·5	152·2	152·3	152·1	152·7	151·5	151·7	152·0	151·4
16	152·7	152·4	152·7	152·5	152·3	152·3	152·2	152·7	151·5	151·6	152·0	151·3
17	153·0	152·4	152·7	152·5	152·3	152·3	152·2	152·7	151·6	151·6	151·7	151·2
18	152·7	152·5	152·7	152·6	152·3	152·3	152·2	152·7	151·6	151·6	151·7	151·2
19	152·7	152·5	152·7	152·6	152·3	152·4	152·2	152·6	151·5	151·7	151·7	151·3
20	152·7	152·6	152·7	152·6	152·3	152·4	152·2	152·6	151·5	151·6	152·0	151·2
21	152·6	152·6	152·7	152·5	152·3	152·3	152·3	152·7	151·5	151·6	152·0	151·3
22	152·6	152·7	152·7	152·5	152·3	152·3	152·3	152·7	151·4	151·6	151·7	151·2
23	152·6	152·7	152·7	152·6	152·2	152·2	152·2	152·7	151·4	151·6	151·7	151·2
24	152·5	152·7	152·7	152·5	152·2	152·1	152·2	152·7	151·5	151·7	151·7	151·2
25	152·7	152·7	152·7	152·4	152·3	152·4	152·2	152·7	151·5	151·7	151·7	151·2
26	152·7	152·7	152·7	152·3	152·3	152·4	152·2	152·7	151·5	151·7	151·7	151·3
27	152·7	152·7	152·7	152·2	152·3	152·3	152·2	152·6	151·6	151·6	151·7	151·3
28	152·7	152·7	152·6	152·1	152·3	152·3	152·3	152·6	151·6	151·6	151·7	151·7
29	152·7	152·7	152·6	152·2	152·6	152·3	152·3	152·6	151·6	151·6	.....	151·7
30	152·7	152·7	152·6	152·2	152·3	152·3	152·2	152·6	151·7	151·5	.....	152·2
31	.....	152·7	.....	152·2	152·2	.....	152·2	.....	151·7	151·5	.....	152·2

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1905–06.

TABLE No. 594.

1	152·7	151·7	152·0	152·3	152·2	152·1	152·1	152·0	152·0	152·1	152·0	152·1
2	152·6	151·7	152·0	152·5	152·2	152·1	152·1	152·0	151·7	152·0	152·0	152·1
3	152·5	151·7	151·7	152·7	152·2	152·1	152·1	151·7	151·6	151·7	151·7	152·1
4	152·3	151·7	152·0	152·5	152·2	152·2	152·1	152·0	151·6	152·0	151·7	152·1
5	152·2	151·7	151·7	152·5	152·2	152·2	152·1	152·0	151·6	152·0	152·0	152·0
6	152·2	151·7	151·7	152·4	152·2	152·2	152·1	152·0	151·7	152·1	151·7	152·0
7	152·3	151·7	151·7	152·2	152·2	152·2	152·1	152·0	151·5	152·0	151·7	152·0
8	152·4	152·0	151·7	152·2	152·2	152·2	152·1	152·0	151·5	152·0	152·0	152·0
9	152·2	152·0	151·7	152·2	152·2	152·2	152·1	152·1	151·5	151·7	152·1	152·0
10	152·2	152·0	151·7	152·2	152·2	152·2	152·0	152·0	151·7	151·7	152·2	152·1
11	152·3	152·0	151·7	152·2	152·2	152·1	152·0	152·1	151·5	152·2	152·2	152·0
12	152·3	152·0	152·1	152·2	152·2	152·1	152·0	152·1	151·5	152·4	152·2	152·0
13	152·3	151·7	152·1	152·2	152·2	152·1	152·0	152·0	151·5	152·5	152·2	152·1
14	152·2	151·7	152·2	152·2	152·2	152·2	152·1	152·0	151·5	152·5	152·1	152·1
15	152·2	152·0	152·2	152·3	152·2	152·2	152·0	152·1	151·4	152·5	152·0	152·1
16	152·2	152·0	152·2	152·3	152·2	152·2	152·0	152·2	151·4	152·4	151·7	152·0
17	152·2	152·0	152·2	152·2	152·2	152·2	152·1	152·0	151·5	152·4	152·0	152·0
18	152·2	152·0	152·2	152·3	152·2	152·3	152·0	151·7	151·5	152·3	152·0	152·0
19	152·2	152·0	152·2	152·3	152·2	152·2	152·0	151·7	151·5	152·4	152·0	152·1
20	152·2	152·0	152·2	152·2	152·2	152·2	152·1	151·7	151·6	152·4	152·0	152·1
21	152·1	151·7	152·1	152·2	152·2	152·2	152·2	151·7	151·5	152·3	152·1	152·1
22	152·1	151·7	152·0	152·1	152·2	152·2	152·2	152·0	151·7	152·3	152·0	152·2
23	152·0	152·0	152·0	152·1	152·3	152·2	152·2	152·0	151·7	152 3	152·0	152·2
24	152·0	152·0	152·0	152·2	152·2	152·2	152·1	152·0	151·6	152 7	152·0	152·1
25	151·7	151·7	152·0	152·2	152·2	152·2	152·1	152·1	151·7	152 6	151·7	152·0
26	152·0	151·7	152·1	152·3	152·2	152·2	152·0	151·7	151·7	152·3	152·0	151·7
27	151·7	151·7	152·2	152·3	152·2	152·2	152·0	151·7	151·7	152·3	152·0	151·7
28	152·0	151·7	152·2	152·3	152·2	152·2	152·1	151·4	151·5	152·3	152·0	152·1
29	151·7	152·0	152·3	152·3	152·2	152·2	152·0	152·0	152·0	152·2	.....	152·2
30	151·7	152·0	152·3	152·2	152·2	152·2	151·7	152·0	152·1	152·1	.....	152·2
31	.....	151·7	.....	152·2	152·1	.....	152·0	.....	152·0	152·0	.....	152·2

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1906–07.

TABLE No. 595.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	152·1	151·7	151·7	151·7	151·7	151·5	151·2	151·2	151·2	151·4	151·4	151·3
2	152·0	151·7	151·7	151·7	151·7	151·4	151·2	151·2	151·2	151·3	151·3	151·5
3	152·0	151·7	151·7	151·7	151·7	151·4	151·2	151·3	151·1	151·6	151·6	151·4
4	152·0	151·7	151·7	151·7	151·7	151·5	151·2	151·2	151·3	151·6	151·6	151·4
5	152·0	151·7	151·7	151·7	151·7	151·5	151·2	151·2	151·2	151·7	151·7	151·4
6	152·0	151·7	151·7	151·7	151·7	151·5	151·2	151·2	151·3	151·7	151·7	151·3
7	152·0	151·7	151·7	151·7	151·7	151·4	151·2	151·2	151·2	151·7	151·7	151·4
8	152·0	151·7	151·7	151·7	151·7	151·4	151·2	151·2	151·2	151·7	151·7	151·4
9	151·7	151·7	151·7	151·7	151·7	151·5	151·4	151·2	151·2	151·7	151·7	151·3
10	151·7	151·7	152·0	151·7	151·7	151·5	151·4	151·1	151·3	151·7	151·7	151·4
11	151·7	151·7	152·0	151·7	151·7	151·5	151·3	151·0	151·2	151·7	151·7	151·4
12	152·0	151·7	152·0	151·7	151·7	151·5	151·3	151·2	151·2	151·7	151·7	151·4
13	152·0	151·7	152·0	151·7	151·7	151·5	151·2	151·2	151·3	151·7	151·7	151·5
14	152·1	151·7	151·7	151·7	151·7	151·6	151·2	151·0	151·4	151·7	151·7	151·5
15	152·2	151·7	151·7	151·7	151·7	151·5	151·2	151·0	151·4	151·7	151·7	151·5
16	152·3	151·7	151·7	151·7	151·7	151·5	151·2	151·1	151·3	151·7	151·7	151·5
17	152·3	152·0	151·7	151·7	151·6	151·5	151·2	151·1	151·3	151·5	151·3	154·6
18	152·3	151·7	151·7	151·7	151·7	151·4	151·2	151·1	151·3	151·2	151·3	151·6
19	151·7	151·7	151·7	151·7	151·6	151·3	151·2	151·2	151·3	151·2	151·4	151·5
20	151·7	151·7	151·7	151·7	151·6	151·2	151·2	151·2	151·2	151·5	151·6	151·5
21	151·7	151·7	151·7	151·7	151·7	151·2	151·2	151·2	151·2	151·7	151·6	151·5
22	151·7	151·7	151·7	151·7	151·7	151·2	151·2	151·5	151·2	151·5	151·5	151·4
23	151·7	151·7	151·7	151·7	151·7	151·2	151·2	151·4	151·2	151·6	151·5	151·6
24	151·7	151·7	151·7	151·7	151·6	151·2	151·2	151·2	151·2	151·6	151·4	151·5
25	151·7	151·7	151·7	151·7	151·4	151·2	151·5	151·2	151·3	151·4	151·4	151·5
26	151·7	151·7	151·7	151·7	151·3	151·2	151·4	151·2	151·3	151·4	151·5	151·6
27	151·7	151·7	151·7	151·7	151·4	151·2	151·4	151·3	151·3	151·4	151·4	151·7
28	151·7	151·7	151·7	151·7	151·3	151·2	151·4	151·3	151·4	151·4	151·3	152·2
29	151·7	151·5	151·7	151·7	151·4	151·2	151·5	151·3	151·4	151·6	.....	152·4
30	151·7	151·6	151·7	151·7	151·6	151·3	151·4	151·3	151·4	151·5	.....	152·7
31	.....	151·7	.....	151·7	15·15	.....	151·2	.....	151·3	151·4	.....	153·0

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1907–08.

TABLE No. 596.

1	153·1	152·5	152·1	152·2	152·1	151·7	151·4	151·7	151·5	152·3	151·4	151·6
2	152·7	152·6	152·2	152·2	152·2	151·7	151·4	151·7	151·5	152·3	151·6	151·7
3	152·7	152·5	152·3	152·2	152·1	151·7	151·4	151·7	151·7	152·2	151·7	151·6
4	152·5	152·3	152·2	152·2	152·1	151·7	151·6	151·7	151·7	152·2	151·3	151·6
5	152·4	152·5	152·1	152·2	152·0	151·7	151·6	151·7	151·5	152·2	151·4	151·6
6	152·3	152·6	152·2	152·1	152·0	151·7	151·7	151·7	151·6	152·3	151·4	151·6
7	152·3	152·6	152·3	152·1	152·2	151·7	151·7	151·7	151·6	152·4	151·4	151·6
8	152·3	152·4	152·2	152·1	152·2	151·7	151·7	151·6	151·7	152·4	151·4	151·7
9	152·3	152·3	152·2	152·1	152·1	151·6	151·7	151·6	151·7	152·2	151·4	151·7
10	152·2	152·3	152·1	152·0	152·1	151·6	151·7	151·7	151·7	152·4	151·3	151·7
11	152·2	152·3	152·1	152·1	152·1	151·6	151·7	151·7	152·0	153·3	151·4	152·1
12	152·2	152·2	152·1	152·1	152·1	151·7	151·7	151·7	152·0	153·2	151·4	152·0
13	152·2	152·2	152·1	152·0	152·2	151·7	151·7	151·7	152·0	154·7	151·4	152·1
14	152·3	152·2	152·2	152·1	152·1	151·7	151·7	151·7	151·7	152·7	151·5	152·1
15	152·2	152·2	152·2	152·1	152·2	151·7	151·7	151·7	151·6	152·7	151·5	132·4
16	152·3	152·2	152·2	152·1	152·1	151·7	151·7	151·7	151·5	153·3	151·6	152·4
17	152·3	152·2	152·2	152·1	152·2	151·7	151·7	151·7	151·6	153·2	151·5	152·4
18	152·4	152·2	152·2	152·1	152·1	151·7	151·7	151·7	151·6	153·0	151·5	152·4
19	152·4	152·1	152·2	152·0	152·1	151·6	151·7	151·6	151·5	152·7	151·5	152·4
20	152·4	152·1	152·1	152·0	152·1	151·7	151·7	151·6	151·7	152·3	151·5	152·3
21	152·4	152·2	152·1	152·0	152·1	151·7	151·7	151·6	151·6	152·2	151·7	152·4
22	152·3	152·2	152·0	152·0	152·1	151·7	151·7	151·5	151·6	151·3	151·7	152·3
23	152·2	152·2	152·0	151·7	152·1	151·7	151·7	151·5	151·5	152·0	151·7	152·3
24	152·2	152·2	152·0	151·7	152·2	151·7	151·7	151·5	151·6	151·7	151·7	152·3
25	152·2	152·1	152·0	152·0	152·2	151·7	151·7	151·6	151·6	151·3	151·6	152·5
26	152·0	152·2	152·0	152·2	152·2	151·7	151·7	151·6	151·7	151·3	151·6	152·4
27	152·1	152·4	152·2	152·2	152·2	151·6	151·7	151·4	151·6	151·5	151·6	152·5
28	152·0	152·5	152·2	152·1	152·1	151·6	151·7	151·4	151·2	151·4	151·6	152·3
29	152·0	152·3	152·1	152·2	152·1	151·2	151·7	151·4	151·3	151·2	151·6	153·0
30	152·0	152·2	152·1	152·2	152·0	151·3	151·6	.....	151·2	151·4	.....	153·2
31	.....	152·2	.....	152·2	151·7	.....	151·6	.....	151·3	151·4	.....	153·0

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1908–09.

TABLE No. 597.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	153·1	153·7	153·7	153·3	152·7	152·5	152·1	151·5	151·5	151·4	152·0	151·3
2	153·4	153·5	153·7	153·2	152·7	152·5	152·1	151·5	151·5	151·3	152·2	151·2
3	153·6	153·6	153·7	153·2	152·7	152·5	152·1	151·6	151·5	151·3	152·2	151·2
4	153·6	153·7	153·6	153·2	152·7	152·5	152·0	151·7	151·6	151·0	152·2	151·2
5	153·2	153·6	153·7	153·2	152·7	152·5	151·7	151·7	151·5	151·0	152·0	151·3
6	153·4	153·5	153·7	153·2	152·7	152·5	151·7	151·7	151·3	151·0	152·1	151·7
7	153·3	153·3	153·7	153·2	152·7	152·5	151·7	151·6	151·0	151·0	152·1	151·6
8	153·3	153·3	153·7	153·4	152·7	152·5	151·7	151·7	151·2	151·5	151·3	151·4
9	153·2	153·5	153·7	153·3	152·7	152·4	151·7	151·5	151·0	151·6	151·4	151·5
10	153·2	153·7	153·7	153·2	152·7	152·4	151·7	151·4	151·2	151·1	151·0	151·3
11	153·5	154·0	153·6	153·3	152·7	152·3	151·7	151·4	150·7	151·2	151·2	151·3
12	153·7	154·0	153·6	153·3	152·7	152·3	151·7	151·6	151·0	151·2	151·4	151·6
13	153·0	153·7	153·6	153·4	152·7	152·3	152·0	151·5	151·0	151·7	151·3	151·4
14	153·5	153·7	153·6	153·4	152·7	152·3	151·7	151·5	151·2	151·7	151·2	151·3
15	153·5	153·7	153·2	153·3	152·7	152·2	151·7	151·7	151·0	151·3	151·0	151·4
16	153·5	153·7	153·2	153·2	152·7	152·2	151·7	151·7	151·1	151·6	150·7	151·4
17	153·2	153·7	153·2	153·1	152·7	152·1	151·7	151·6	150·7	151·4	150·4	151·4
18	153·2	153·6	153·2	153·0	152·7	152·1	151·7	151·5	150·4	151·1	151·0	151·6
19	153·1	153·6	153·2	153·1	152·7	152·1	151·6	151·5	150·7	151·4	150·7	151·5
20	153·2	153·7	153·3	153·2	152·7	152·1	151·5	151·5	151·2	151·5	150·5	151·3
21	153·1	153·5	153·2	153·0	152·7	152·2	151·5	151·4	151·2	151·5	150·7	151·5
22	153·0	153·7	153·2	153·1	152·7	152·2	151·5	151·3	151·2	151·2	150·7	151·3
23	153·0	153·7	153·2	153·1	152·7	152·0	151·5	151·3	151·2	151·0	150·7	151·3
24	153·0	153·7	153·4	153·1	152·6	152·0	151·5	151·2	151·0	151·2	150·7	151·3
25	153·0	153·7	153·4	153·1	152·6	152·0	151·5	151·2	151·2	151·2	151·2	151·2
26	153·2	153·7	153·4	153·0	152·5	152·0	151·5	151·3	151·2	151·3	151·4	151·4
27	153·1	153·7	153·4	153·0	152·5	152·1	151·5	151·5	151·5	151·3	151·3	151·4
28	153·1	153·7	153·3	153·0	152·5	152·1	151·5	151·5	151·5	151·3	151·3	151·6
29	153·2	153·7	153·3	153·0	152·5	152·2	151·5	151·5	151·2	151·4	.....	151·6
30	153·2	153·6	153·3	152·7	152·5	152·2	151·5	151·5	151·0	151·7	.....	151·7
31	.....	153·7	.....	152·7	152·4	.....	151·5	.....	151·2	151·7	.....	151·7

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1909-10.

TABLE No. 598.

1	151·7	152·0	152·3	152·0	152·0	151·7	151·3	151·1	151·0	151·6	151·2	150·5
2	151·7	152·1	152·3	152·0	151·7	151·7	151·3	151·0	150·6	151·7	151·2	151·0
3	151·7	152·5	152·3	152·0	151·7	151·7	151·3	151·2	150·5	151·7	151·0	151·2
4	152·0	152·4	152·2	152·0	151·7	151·7	151·3	151·2	150·7	151·7	151·0	151·5
5	152·1	152·3	152·2	152·0	151·7	151·7	151·3	151·2	151·0	151·2	151·2	151·6
6	152·2	152·2	152·2	152·1	151·7	151·7	151·3	151·2	151·0	151·4	151·2	151·5
7	152·3	152·0	152·2	152·2	152·0	151·7	151·3	151·2	150·7	151·4	151·4	151·7
8	152·7	152·2	152·2	152·0	152·0	151·7	151·3	151·1	151·0	151·4	151·4	152·0
9	152·5	152·2	152·1	152·1	152·0	151·5	151·3	151·0	151·0	151·3	151·2	152·1
10	152·4	152·2	152·1	152·0	151·7	151·4	151·3	151·0	151·3	151·2	151·2	152·0
11	152·2	152·3	152·2	152·1	151·7	151·5	151·3	151·0	151·2	151·3	151·3	151·6
12	152·0	152·6	152·2	152·1	151·7	151·5	151·3	151·1	151·0	151·3	151·2	151·6
13	152·7	152·6	152·2	152·1	151·7	151·5	151·5	151·0	150·6	151·3	151·2	151·5
14	152·7	152·5	152·2	152·2	151·7	151·5	151·5	151·0	151·0	151·0	151·3	151·7
15	152·7	152·4	152·2	152·1	151·7	151·5	151·5	151·0	151·3	151·3	151·0	151·5
16	152·0	152·4	152·2	152·1	151·7	151·5	151·4	151·0	151·3	151·5	151·1	151·7
17	152·0	152·5	152·2	152·2	151·7	151·5	151·4	151·0	151·3	151·4	151·2	151·7
18	152·0	152·5	152·2	152·1	151·7	151·5	151·4	151·1	151·3	151·2	151·2	151·7
19	151·6	152·4	152·2	152·2	151·7	151·5	151·3	151·0	151·3	151·0	151·0	151·7
20	151·7	152·4	152·2	152·1	151·7	151·5	151·3	151·0	151·4	151·0	150·7	151·7
21	151·7	152·3	152·2	152·0	151·7	151·3	151·0	151·1	151·5	150·7	150·7	152·0
22	152·2	152·3	152·3	152·0	151·7	151·3	151·3	150·5	151·5	150·7	150·6	152·0
23	152·2	152·3	152·3	152·0	151·7	151·4	151·4	151·0	151·3	151·2	150·5	152·0
24	152·1	152·3	152·3	152·1	151·7	151·4	151·3	150·7	151·2	151·2	150·3	152·0
25	152·1	152·3	152·3	152·1	151·7	151·4	151·3	150·7	151·0	151·2	150·3	152·1
26	152·1	152·3	152·3	152·1	151·7	151·3	151·3	151·0	150·7	151·2	150·7	152·2
27	152·0	152·3	152·3	152·1	151·7	151·3	151·3	151·0	151·0	151·2	150·7	152·2
28	151·7	152·2	152·2	152·1	151·7	151·3	151·3	151·0	151·0	151·3	150·6	152·2
29	151·7	152·4	152·4	152·1	151·7	151·3	151·3	151·0	151·0	151·2	.....	152·2
30	151·5	152·4	152·4	152·0	151·7	151·3	151·3	151·0	151·2	151·2	.....	151·7
31	.....	152·3	.....	152·0	151·7	.....	151·2	.....	151·5	151·2	.....	151·7

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1910-11.

TABLE No. 599.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	151·7	151·7	152·1	150·7	151·7	151·3	151·3	151·2	150·7	151·4	151·3	151·2
2	151·7	151·7	152·1	150·7	151·7	151·3	151·2	151·2	150·7	151·3	151·2	151·2
3	151·7	151·7	152·0	150·7	151·7	151·3	151·2	151·1	151·0	151·2	151·2	151·2
4	151·7	151·7	152·0	150·7	151·7	151·4	151·3	151·0	150·7	151·1	151·2	151·2
5	151·6	152·1	152·0	151·7	151·7	151·3	151·2	151·0	150·7	151·2	151·4	151·2
6	151·6	152·2	152·0	151·7	151·7	151·2	151·2	151·0	150·6	151·0	151·3	151·2
7	151·7	152·2	152·0	151·7	151·7	151·4	151·2	151·1	150·6	151·0	151·2	151·2
8	151·7	152·3	152·0	151·7	151·7	151·5	151·2	151·2	150·7	151·3	151·2	151·2
9	151·7	152·2	152·0	151·7	151·6	151·6	151·2	151·2	151·1	151·4	151·2	151·1
10	151·7	152·3	152·0	151·7	151·7	151·6	151·2	150·6	151·1	151·3	151·1	150·7
11	151·7	152·3	152·0	152·0	151·7	151·6	151·2	151·2	151·0	151·3	151·0	151·0
12	151·7	152·2	152·0	152·0	151·7	151·5	151·2	151·1	150·7	151·2	150·7	151·0
13	151·7	152·2	152·0	151·7	151·7	151·4	151·2	151·1	151·0	151·0	150·7	151·0
14	151·7	152·0	152·0	152·0	151·7	151·4	151·2	151·2	151·0	151·0	150·7	151·0
15	151·7	152·0	152·1	151·7	151·6	151·4	151·4	151·2	150·7	151·3	150·7	150·7
16	151·6	151·7	152·1	151·7	151·6	151·3	151·2	151·2	150·7	151·7	150·7	150·7
17	151·6	151·7	152·0	151·7	151·5	151·2	151·2	151·2	150·7	151·6	151·0	151·2
18	151·5	152·0	152·0	151·7	151·5	151·2	151·1	151·2	150·7	151·3	151·2	151·2
19	151·6	152·0	152·0	151·6	151·5	151·2	151·2	151·2	151·0	151·2	151·2	151·2
20	151·7	152·0	152·1	151·6	151·5	151·2	151·1	151·1	151·2	151·1	151·1	151·2
21	151·7	152·0	152·0	151·6	151·5	151·3	150·7	150·7	151·2	150·7	151·0	151·2
22	151·7	152·0	152·0	151·6	151·7	151·3	151·0	150·7	151·3	151·1	151·3	151·0
23	151·6	152·0	152·0	151·6	151·6	151·2	151·0	150·7	151·4	151·0	151·4	151·2
24	151·5	152·1	152·0	151·6	151·6	151·1	151·1	150·7	151·7	151·1	151·3	151·3
25	151·5	152·2	151·7	151·6	151·6	151·3	151·1	151·0	151·7	150·7	151·2	151·2
26	151·5	152·2	151·7	151·7	151·6	151·2	151·1	150·7	151·6	150·6	151·2	151·2
27	151·7	152·1	151·7	151·7	151·6	151·1	151·0	150·7	151·4	150·7	151·2	151·1
28	151·7	152·1	151·7	152·0	151·6	151·2	151·2	150·5	151·3	150·7	151·2	151·4
29	151·6	152·1	151·7	151·7	151·5	151·2	151·2	150·5	151·0	151·2	.....	151·7
30	151·7	152·1	151·7	151·7	151·5	151·2	151·2	150·5	151·0	151·3	.....	151·7
31	.....	152·1	.....	151·7	151·5	.....	151·2	.....	151·0	151·5	.....	151·7

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1911-12.

TABLE No. 600.

1	151·5	151·5	151·3	151·2	151·0	150·7	150·5	150·7	150·7	151·2	.....	149·7
2	151·5	151·7	151·3	151·2	150·7	150·7	150·5	150·5	150·7	151·4	.....	149·7
3	151·7	151·7	151·3	151·3	150·7	150·7	150·4	150·5	150·7	151·4	.....	150·7
4	151·3	151·7	151·3	151·3	151·0	150·7	150·4	150·5	150·7	151·2	151·1	150·6
5	151·3	151·7	151·3	151·3	150·7	150·7	150·6	150·5	150·6	151·2	151·2	150·4
6	151·4	151·7	151·1	151·2	150·7	150·7	150·6	150·6	150·6	151·2	151·2	150·4
7	151·7	151·7	151·2	151·2	150·7	150·7	150·5	150·6	150·6	151·4	151·2	150·4
8	152·3	151·7	151·2	151·2	150·7	150·6	150·5	150·6	150·5	151·6	151·2	150·4
9	152·2	151·7	151·2	151·3	150·7	150·6	150·5	150·6	150·6	151·6	150·7	150·4
10	152·2	151·5	151·3	151·2	150·7	150·7	150·5	150·7	150·6	151·5	151·0	150·5
11	152·2	151·7	151·3	151·2	151·0	150·7	150·5	150·7	150·6	151·4	151·1	150·5
12	152·2	151·6	151·3	151·2	151·0	150·7	150·5	150·7	150·7	151·3	151·1	150·5
13	152·1	151·5	151·3	151·2	151·0	150·6	150·5	150·7	150·7	151·2	151·1	150·5
14	152·1	151·7	151·3	151·2	151·0	150·6	150·5	150·7	150·7	151·2	151·2	150·5
15	152·2	151·5	151·3	151·2	150·7	150·6	150·5	150·7	150·7	151·2	150·7	150·5
16	152·2	151·4	151·3	151·2	150·7	150·6	150·5	150·7	150·7	151·1	150·7	150·4
17	152·2	151·4	151·3	151·2	150·7	150·7	150·4	150·7	151·2	151·1	150·7	150·5
18	152·0	151·3	151·3	151·2	150·7	150·7	150·4	150·7	151·1	150·7	150·4	150·5
19	151·6	151·3	151·4	151·2	150·7	150·7	150·4	150·7	151·1	151·2	150·5	150·5
20	151·6	151·3	151·4	151·1	150·7	150·7	150·4	150·7	151·1	151·2	150·5	150·6
21	151·5	151·3	151·4	151·1	151·0	150·7	150·5	150·7	151·0	151·2	150·6	150·7
22	151·4	151·3	151·4	151·2	151·0	150·7	150·5	150·7	150·7	151·2	150·7	150·7
23	151·4	151·3	151·3	151·2	151·0	150·7	150·6	150·7	150·0	151·2	150·7	150·8
24	151·5	151·3	151·3	151·2	150·7	150·7	150·6	150·7	150·2	151·1	150·3	150·8
25	151·6	151·3	151·3	151·5	150·7	150·6	150·6	150·7	150·2	150·7	149·4	150·7
26	151·6	151·3	151·2	151·5	150·7	150·6	150·6	150·7	150·2	150·4	149·4	150·7
27	151·5	151·3	151·2	151·4	150·7	150·6	150·6	150·6	150·2	150·4	149·3	150·7
28	151·5	151·4	151·2	151·2	150·7	150·6	150·7	150·6	150·2	150·4	149·5	150·7
29	151·5	151·4	151·2	151·2	150·7	150·4	150·7	150·6	150·2	150·6	149·7	150·7
30	151·5	151·3	151·2	151·2	150·7	150·5	150·7	150·6	150·2	150·6	.....	150·7
31	.....	151·2	.....	151·2	.....	.....	150·7	.....	151·5	150·6	.....	150·7

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1912-13.

TABLE No. 601.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	151·0	152·4	153·2	152·2	152·0	151·7	151·7	151·5	151·7	151·6	152·3	151·7
2	151·1	152·2	153·0	152·2	152·0	151·7	151·7	151·5	151·7	151·7	152·6	151·7
3	151·1	152·2	153·0	152·2	152·0	151·7	151·7	151·5	152·0	151·6	152·9	152·0
4	151·2	152·1	152·8	152·2	152·0	151·7	151·7	151·5	152·0	151·5	152·9	152·1
5	151·1	152·0	152·7	152·2	152·0	151·7	151·7	151·5	152·0	151·5	152·9	152·0
6	151·1	152·0	152·7	152·2	152·0	151·7	151·7	151·5	152·0	151·6	152·6	151·9
7	152·3	152·0	152·6	152·2	152·0	151·7	151·7	151·5	152·0	151·7	152·3	151·9
8	152·7	152·0	152·6	152·2	152·0	151·7	151·7	151·6	152·0	151·7	152·2	152·0
9	152·4	152·0	152·6	152·2	152·0	151·7	151·7	151·7	152·0	151·9	152·2	152·0
10	152·2	152·1	152·6	152·2	152·0	151·7	151·6	151·7	152·1	152·3	152·2	151·7
11	152·2	152·1	152·6	152·2	152·0	151·7	151·5	152·0	152·2	152·8	152·2	151·7
12	152·1	152·1	152·6	152·2	152·0	151·7	151·5	152·0	152·2	153·0	152·2	151·7
13	152·2	152·1	152·5	152·2	152·0	151·7	151·5	151·5	152·1	152·8	152·2	151·7
14	152·0	152·1	152·4	152·2	152·0	151·7	151·5	151·6	151·9	152·7	152·2	151·8
15	152·0	152·0	152·4	152·2	152·0	151·7	151·5	151·6	152·9	152·7	152·1	152·2
16	152·1	152·0	152·5	152·2	151·9	151·7	151·5	151·6	151·7	152·7	152·1	152·7
17	152·2	151·9	152·5	152·2	151·7	151·7	151·5	151·6	151·7	152·4	152·1	152·7
18	152·2	152·0	152·5	152·1	151·7	151·7	151·5	151·6	151·7	152·5	152·1	152·5
19	152·4	152·1	152·5	152·1	151·7	151·7	151·5	151·6	151·7	152·6	152·1	152·3
20	152·4	152·0	152·5	152·1	151·7	151·7	151·5	151·6	151·7	152·6	151·9	152·4
21	152·4	152·1	152·5	152·1	151·7	151·7	151·5	151·6	151·7	152·5	151·7	152·5
22	152·2	152·1	152·5	152·1	151·7	151·7	151·5	151·6	151·7	152·6	151·7	152·9
23	152·2	152·1	152·5	152·0	151·7	151·7	151·5	151·6	151·7	152·7	151·7	153·0
24	152·2	152·1	152·4	152·0	151·7	151·7	151·5	151·3	151·7	152·6	151·9	152·6
25	152·2	152·4	152·4	152·0	151·7	151·7	151·5	151·5	151·7	152·5	152·2	152·7
26	152·2	152·3	152·3	152·0	151·7	151·7	151·5	151·5	151·7	152·5	152·2	152·7
27	152·3	152·4	152·3	152·0	151·7	151·7	151·5	151·5	151·6	152·4	152·1	152·7
28	152·2	152·4	152·3	152·0	152·0	151·7	151·6	151·7	151·6	152·3	151·8	153·1
29	152·3	152·2	152·3	152·0	152·0	151·7	151·6	151·7	151·6	152·3	.....	153·1
30	152·2	152·5	152·3	152·0	152·0	151·7	151·6	151·7	151·6	152·3	.....	153·1
31	.....	153·1	.....	152·0	151·9	151·7	151·5	.....	151·6	152·3	.....	153·3

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1913-14.

TABLE No. 602.

1	153·5	152·5	152·6	152·5	152·2	152·0	151·5	151·8	151·3	151·2	151·7	150·5
2	153·5	152·5	152·6	152·5	152·2	152·0	151·4	151·7	151·3	151·2	151·6	150·5
3	153·2	152·6	152·6	152·5	152·2	151·9	151·5	151·6	151·4	151·3	151·7	150·5
4	152·7	152·6	152·6	152·5	152·2	151·7	151·6	151·7	151·4	151·4	151·5	150·5
5	153·3	152·6	152·6	152·5	152·2	151·6	151·6	151·6	151·4	151·3	151·5	150·5
6	153·4	152·6	152·6	152·5	152·2	151·6	151·6	151·6	151·4	151·2	151·5	150·6
7	153·4	152·6	152·6	152·5	152·2	151·6	151·6	151·5	151·4	151·2	151·5	150·4
8	153·2	152·6	152·6	152·5	152·2	151·7	151·5	151·5	151·5	151·2	151·6	150·2
9	153·1	152·5	152·6	152·5	152·2	151·7	151·5	151·5	151·5	151·1	151·7	150·2
10	152·8	152·5	152·6	152·5	152·2	151·7	151·5	151·5	151·5	151·2	151·7	150·4
11	152·6	152·5	152·6	152·5	152·2	151·6	151·5	151·6	151·5	151·3	151·9	150·6
12	152·6	152·5	152·6	152·5	152·2	151·6	151·5	151·7	151·5	152·1	151·7	150·8
13	152·7	152·5	152·6	152·5	152·1	151·6	151·5	151·7	151·4	152·3	151·5	151·0
14	152·7	152·5	152·6	152·5	152·1	151·6	151·5	151·7	151·4	152·2	151·4	151·0
15	152·7	152·5	152·6	152·5	152·1	151·6	151·5	151·6	151·4	152·2	151·5	150·8
16	152·7	152·3	152·6	152·5	152·1	151·6	151·5	151·5	151·4	152·2	151·8	150·6
17	152·6	152·3	152·6	152·4	152·1	151·6	151·4	151·5	151·4	152·4	152·2	150·6
18	152·6	152·4	152·6	152·3	152·1	151·7	151·4	151·5	151·5	152·4	152·1	151·1
19	152·6	152·5	152·6	152·3	152·0	151·7	151·4	151·5	151·5	152·4	151·8	151·2
20	152·6	152·5	152·5	152·3	151·8	151·6	151·5	151·5	151·5	152·5	151·4	151·2
21	152·6	152·5	152·5	152·3	151·7	151·6	151·4	151·5	151·4	152·3	151·3	151·6
22	152·6	152·5	152·5	152·3	151·7	151·6	151·5	151·5	151·3	152·3	151·2	151·5
23	152·6	152·5	152·5	152·3	151·9	151·6	151·5	151·6	151·2	152·5	151·2	151·3
24	152·6	152·5	152·5	152·3	152·0	151·7	151·5	151·6	151·2	152·4	151·2	151·1
25	152·6	152·5	152·5	152·3	152·1	151·6	151·6	151·6	151·3	152·0	151·1	151·0
26	152·6	152·5	152·4	152·2	152·1	151·6	151·4	151·5	151·2	151·9	150·9	151·1
27	152·6	152·5	152·4	152·2	152·1	151·7	151·5	151·4	151·2	151·9	150·7	151·5
28	152·6	152·5	152·5	152·2	152·0	151·7	151·5	151·3	151·2	151·9	150·5	151·0
29	152·5	152·5	152·5	152·2	152·0	151·7	151·5	151·3	151·2	151·9	.....	151·7
30	152·5	152·5	152·5	152·2	152·0	151·6	151·6	151·3	151·2	151·8	.....	151·7
31	.....	152·6	.....	152·2	152·0	.....	151·5	.....	151·2	151·7	.....	151·7

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1914-15

TABLE No. 603.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	151·7	152·2	152·2	152·0	151·6	151·6	151·2	151·2	151·0	151·3	151·2	151·4
2	151·8	152·3	152·0	151·9	151·6	151·6	151·2	151·2	150·8	151·2	151·0	151·3
3	152·2	152·3	152·0	152·0	151·7	151·6	151·2	151·2	150·7	151·3	150·7	151·3
4	152·2	152·3	151·8	152·0	151·6	151·6	151·2	151·2	150·7	151·4	151·0	151·3
5	152·2	152·1	151·7	152·0	151·6	151·6	151·2	151·2	150·7	151·3	150·7	151·2
6	152·1	152·1	151·9	152·0	151·5	151·6	151·2	151·2	150·7	151·3	150·6	151·2
7	151·9	152·1	151·9	152·0	151·6	151·7	151·2	151·2	150·5	151·3	150·6	151·1
8	151·7	152·2	152·0	152·0	151·6	151·7	151·1	151·2	150·4	151·3	150·6	151·1
9	151·7	152·1	152·0	151·9	151·6	151·5	151·1	151·2	150·4	151·4	150·6	151·1
10	152·2	152·2	152·1	151·9	151·6	151·5	151·1	151·2	150·4	151·3	150·6	151·2
11	152·2	152·2	152·1	151·9	151·6	151·5	151·2	151·0	150·4	151·1	150·6	151·2
12	152·3	152·1	152·1	152·0	151·5	151·4	151·4	151·0	150·4	151·0	150·7	151·2
13	152·4	152·0	152·0	151·9	151·5	151·4	151·4	150·8	150·5	151·0	151·1	151·2
14	152·2	152·0	152·0	151·7	151·6	151·4	151·2	151·0	150·6	151·0	150·6	151·2
15	152·0	152·1	152·0	151·7	151·6	151·4	151·2	150·9	150·6	150·7	150·7	151·2
16	151·7	152·2	151·9	151·7	151·6	151·4	151·2	150·7	150·6	150·7	150·7	151·2
17	151·9	152·2	151·7	151·7	151·6	151·4	151·2	151·0	150·9	150·7	150·7	151·1
18	152·1	152·2	151·9	151·7	151·6	151·3	151·2	151·2	151·4	150·7	151·0	151·1
19	152·2	152·2	152·0	151·7	151·6	151·3	151·2	151·0	151·5	150·7	151·0	151·0
20	152·3	152·1	152·0	151·7	151·5	151·4	151·2	151·0	151·6	151·0	151·1	151·0
21	152·4	152·1	152·0	151·7	151·5	151·4	151·2	151·0	151·6	151·0	151·0	151·1
22	152·4	152·0	152·0	151·7	151·5	151·4	151·2	151·0	151·6	151·1	151·0	151·2
23	152·3	152·0	152·0	151·7	151·6	151·4	151·2	151·0	151·6	151·1	150·7	151·1
24	152·2	152·1	151·9	151·7	151·6	151·3	151·2	151·0	151·6	151·1	150·6	151·2
25	152·1	152·1	151·7	151·7	151·6	151·3	151·2	151·0	151·5	151·1	151·0	151·3
26	152·1	152·2	152·0	151·7	151·4	151·3	151·2	151·0	151·5	151·2	151·1	151·5
27	152·1	152·1	152·0	151·7	151·4	151·3	151·2	151·0	151·7	151·2	151·1	151·5
28	152·2	152·1	151·6	151·7	151·4	151·3	151·2	151·0	152·0	151·2	151·3	151·4
29	152·2	152·1	151·7	151·6	151·3	151·3	151·2	151·0	151·8	151·2	.....	151·2
30	152·1	152·2	151·7	151·6	151·4	151·2	151·2	151·0	151·5	151·4	.....	151·2
31	.....	152·2	.....	151·6	151·5	.....	151·2	.....	151·4	151·2	.....	151·2

ELEVATIONS above M.S.L., of St. Lawrence River at Rouge River Wharf, Coteau du Lac, for 1911–12.

TABLE No. 604.

1	.....	.....	.....	.....	.....	.....	.....	132·75	133·35	134·15	132·95	132·55
2	.....	.....	.....	.....	.....	.....	.....	132·85	133·35	133·95	133·15	132·65
3	.....	.....	.....	.....	.....	.....	.....	132·95	133·15	134·15	132·95	132·75
4	.....	.....	.....	.....	.....	.....	.....	133·05	132·95	134·15	132·95	132·75
5	.....	.....	.....	.....	.....	.....	.....	132·95	132·65	134·35	133·15	132·35
6	.....	.....	.....	.....	.....	.....	.....	132·55	132·95	134·35	133·35	132·35
7	.....	.....	.....	.....	.....	.....	.....	133·05	132·95	134·45	133·55	132·55
8	.....	.....	.....	.....	.....	.....	.....	133·25	133·15	134·35	133·75	132·55
9	.....	.....	.....	.....	.....	.....	.....	133·15	133·35	134·45	133·35	132·75
10	.....	.....	.....	.....	.....	.....	.....	133·05	133·35	.....	133·25	132·75
11	.....	.....	.....	.....	.....	.....	.....	132·95	133·35	134·35	133·15	132·95
12	.....	.....	.....	.....	.....	.....	.....	133·05	133·45	133·95	132·95	132·95
13	.....	.....	.....	.....	.....	.....	.....	133·25	133·55	133·65	132·95	132·95
14	.....	.....	.....	.....	.....	.....	132·95	133·25	133·55	133·65	132·95	132·75
15	.....	.....	.....	.....	.....	.....	132·85	133·35	133·35	133·55	132·95	132·95
16	.....	.....	.....	.....	.....	.....	132·85	133·15	.....	133·45	132·75	133·15
17	.....	.....	.....	.....	.....	.....	132·85	132·95	.....	133·45	132·75	133·15
18	.....	.....	.....	.....	.....	.....	132·95	132·85	.....	133·35	132·75	133·25
19	.....	.....	.....	.....	.....	.....	132·95	133·25	.....	133·35	132·65	133·25
20	.....	.....	.....	.....	.....	.....	133·05	133·25	.....	133·45	132·65	133·35
21	.....	.....	.....	.....	.....	.....	133·05	133·15	.....	133·45	132·65	133·35
22	.....	.....	.....	.....	.....	.....	132·95	133·05	.....	133·45	132·55	133·55
23	.....	.....	.....	.....	.....	.....	133·10	132·95	.....	133·35	132·55	133·55
24	.....	.....	.....	.....	.....	.....	133·15	132·95	.....	133·95	132·45	133·55
25	.....	.....	.....	.....	.....	.....	132·95	133·25	.....	133·95	132·35	133·65
26	.....	.....	.....	.....	.....	.....	133·05	133·15	.....	133·85	132·35	133·65
27	.....	.....	.....	.....	.....	.....	133·00	132·95	.....	133·55	132·35	133·65
28	.....	.....	.....	.....	.....	.....	132·95	132·65	.....	133·25	132·55	133·65
29	.....	.....	.....	.....	.....	.....	133·15	123·15	.....	132·95	132·75	133·75
30	.....	.....	.....	.....	.....	.....	133·15	133·25	.....	132·95	.....	133·75
31	.....	.....	.....	.....	.....	.....	132·65	.....	.....	132·95	.....	133·85

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of St. Lawrence River at Rouge River Wharf, Coteau du Lac, for 1912–13.

TABLE No. 605.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	134·65	134·25	134·15	134·35	134·10	134·30	134·25	134·85	134·15
2	.....	.....	.....	134·55	134·25	134·15	134·35	134·10	134·15	134·25	134·75	134·25
3	.....	.....	.....	134·45	134·25	134·25	134·35	134·10	134·50	133·95	135·00	134·26
4	.....	.....	.....	134·45	134·35	134·25	144·25	134·05	134·60	134·65	134·80	134·40
5	.....	.....	.....	134·45	134·35	134·25	134·25	134·10	134·50	134·60	134·65	134·20
6	.....	.....	.....	134·55	134·35	134·35	134·25	134·10	134·60	134·35	134·80	134·25
7	.....	.....	.....	134·55	134·25	134·35	134·25	133·90	134·75	134·30	134·40	134·20
8	.....	.....	.....	134·45	134·15	134·25	134·25	134·50	134·70	134·25	134·10	134·20
9	.....	.....	.....	134·45	134·25	134·25	134·35	134·65	134·55	134·10	134·30	134·30
10	.....	.....	.....	134·45	134·35	134·25	134·25	134·60	134·60	134·55	134·65	134·20
11	.....	.....	.....	134·45	134·35	134·35	133·95	134·40	134·65	134·80	135·05	134·15
12	.....	.....	.....	134·35	134·35	134·25	134·00	134·30	134·55	135·00	134·55	134·05
13	.....	.....	.....	134·35	134·25	134·15	134·00	133·65	134·45	134·75	134·60	134·20
14	.....	.....	.....	134·35	134·25	134·25	133·95	134·25	134·35	134·75	134·50	134·45
15	.....	.....	.....	134·45	134·25	134·25	133·90	134·45	134·35	135·45	134·60	135·05
16	.....	.....	.....	134·35	134·15	134·25	133·90	134·30	134·25	135·00	134·50	135·30
17	.....	.....	.....	134·35	134·15	134·15	134·15	134·40	134·10	134·65	134·70	135·20
18	.....	.....	.....	134·25	134·15	134·25	134·10	134·40	134·00	135·15	134·85	135·05
19	.....	.....	.....	134·25	134·15	134·25	134·15	134·25	134·05	135·35	134·75	134·95
20	.....	.....	.....	134·35	134·15	134·35	134·20	134·45	134·30	135·30	134·70	135·15
21	.....	.....	.....	134·35	134·15	134·35	134·05	134·30	134·30	135·25	134·30	135·35
22	.....	.....	.....	134·35	134·05	134·35	134·10	134·35	134·25	135·40	134·20	135·55
23	.....	.....	.....	134·45	134·15	134·35	134·05	133·75	134·35	135·45	134·10	135·50
24	.....	.....	.....	134·35	134·25	134·25	134·00	133·75	134·20	135·25	134·00	135·25
25	.....	.....	.....	134·25	134·35	134·25	133·90	133·90	134·10	134·10	134·20	135·45
26	.....	.....	.....	134·35	134·25	134·25	134·10	134·20	134·10	135·00	134·45	135·50
27	.....	.....	.....	134·35	134·25	134·35	134·20	134·35	134·10	135·00	134·55	135·45
28	.....	.....	.....	134·35	134·25	134·35	134·25	134·30	134·15	135·00	134·40	135·50
29	.....	.....	.....	134·35	134·15	134·35	134·10	134·25	134·20	135·05	.....	135·75
30	.....	.....	.....	134·35	134·05	134·35	134·20	134·45	134·20	135·25	.....	135·80
31	.....	.....	.....	134·25	134·15	.....	134·15	.....	134·25	135·20	.....	136·10

Elevations above M.S.L., of St. Lawrence River at Rouge River Wharf, Coteau du Lac, for 1913–14.

TABLE No. 606.

1	136·30	135·15	135·25	135·20	134·85	134·65	134·00	134·20	134·15	133·85	134·40	133·35
2	136·05	135·25	135·30	135·15	134·90	134·55	134·15	134·15	134·15	134·00	134·60	133·35
3	135·65	135·25	135·35	135·15	134·95	134·60	133·75	134·15	134·10	134·40	134·45	133·35
4	135·40	135·25	135·25	135·05	134·90	134·35	134·05	134·10	134·20	134·75	134·40	133·15
5	136·35	135·25	135·25	135·05	134·90	134·20	133·85	134·10	134·20	134·45	134·35	133·40
6	136·25	135·25	135·25	135·15	134·90	134·15	133·85	134·00	134·20	134·30	134·00	133·40
7	136·05	135·25	135·30	135·15	134·75	134·25	133·80	134·05	134·20	133·95	134·40	133·20
8	135·80	135·20	135·25	135·15	134·70	134·25	133·75	134·00	134·50	133·90	134·35	133·15
9	135·55	135·20	135·25	135·15	134·70	134·10	133·75	134·00	134·35	133·95	134·35	133·15
10	135·25	135·15	135·40	135·15	134·70	134·05	133·75	134·10	134·40	133·95	134·30	133·00
11	135·25	135·15	135·45	135·15	134·85	133·95	133·75	134·40	134·35	133·50	134·05	133·15
12	135·45	135·15	135·35	135·15	134·70	134·00	134·10	134·40	134·15	133·95	134·05	133·25
13	135·45	135·10	135·30	135·20	134·65	134·10	134·05	134·30	134·20	133·95	134·25	133·65
14	135·45	135·10	135·30	135·30	134·65	134·30	134·00	134·20	134·20	133·95	134·15	133·60
15	135·35	135·05	135·25	135·25	134·65	134·20	133·75	134·10	134·20	134·25	134·25	133·70
16	135·30	134·95	135·30	135·15	134·65	133·95	133·80	133·95	134·05	134·00	134·35	133·65
17	135·25	135·00	135·25	135·10	134·65	134·00	133·75	134·00	134·40	135·20	134·80	133·55
18	135·25	135·15	135·25	135·05	134·65	133·95	133·80	134·20	134·25	135·00	135·05	133·95
19	135·40	135·25	135·15	135·15	134·55	133·95	133·80	134·10	134·15	135·15	134·95	133·85
20	135·40	135·20	135·15	135·10	134·60	133·80	133·65	134·25	134·25	135·45	134·35	133·70
21	135·35	135·15	135·20	135·00	134·40	133·85	134·05	134·20	134·25	135·45	134·35	134·30
22	135·35	135·15	135·15	134·95	134·45	134·15	134·10	134·25	134·20	134·80	133·95	134·45
23	135·30	135·15	135·15	134·95	134·55	134·15	134·05	134·55	133·85	135·40	133·75	134·20
24	135·25	135·15	135·15	134·95	134·65	134·05	134·15	134·55	133·80	135·55	133·80	134·00
25	135·25	135·25	135·15	134·95	134·70	133·95	134·15	134·40	134·10	135·20	133·75	133·95
26	135·25	135·25	135·15	134·95	134·60	134·05	133·80	134·25	133·60	134·25	133·85	134·10
27	135·25	135·15	135·15	134·95	134·65	134·20	134·05	134·00	133·85	134·45	132·40	134·85
28	135·20	135·15	135·15	134·95	134·65	134·25	133·85	133·95	133·95	134·60	133·35	134·45
29	135·10	135·25	135·15	134·95	134·65	134·15	134·05	133·95	134·15	134·70	.....	135·05
30	135·10	135·20	135·15	134·95	134·60	134·00	134·10	134·00	134·15	134·45	.....	134·95
31	.....	135·25	.....	134·85	134·70	.....	133·95	.....	134·10	134·45	.....	134·95

ELEVATIONS above M.S.L., of St. Lawrence River at Rouge River Wharf, Coteau du Lac, for 1914–15.

TABLE No. 607.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	134·95	135·55	135·25	135·25	134·85	134·75	134·35	134·10	133·95	134·80	135·45	134·35
2	135·15	135·60	135·25	135·15	134·85	134·85	134·35	134·05	133·95	135·00	133·95	134·25
3	135·20	135·65	135·25	135·15	124·85	134·85	134·35	134·00	134·05	134·75	133·75	134·25
4	135·55	135·55	135·15	135·25	134·80	134·85	134·35	134·25	133·95	134·65	133·80	134·35
5	135·40	135·45	135·15	135·20	134·75	134·85	134·35	134·15	133·65	134·75	133·80	134·40
6	135·35	135·45	135·15	135·35	134·70	134·85	134·30	134·05	133·55	134·90	134·15	134·35
7	135·15	135·35	135·15	135·05	134·65	134·85	134·15	134·15	133·45	134·10	133·75	134·35
8	134·95	133·35	135·15	135·15	134·65	134·85	134·15	134·15	133·30	134·05	133·55	134·25
9	134·95	135·35	135·15	135·05	134·75	134·75	134·25	134·05	133·25	134·15	133·45	134·25
10	135·30	135·45	135·25	135·10	134·65	134·75	134·25	133·90	133·45	134·20	133·55	134·25
11	135·15	135·45	135·20	133·15	134·75	134·65	134·25	133·75	133·85	134·10	134·15	134·25
12	135·70	135·25	135·20	135·15	134·65	134·65	134·55	134·05	133·85	133·95	134·40	134·15
13	135·85	135·15	135·25	135·10	134·65	134·55	134·25	133·80	133·85	133·65	134·10	134·25
14	135·40	135·25	135·25	135·10	134·75	134·55	134·05	134·05	134·10	134·15	133·85	134·35
15	135·40	135·25	135·25	135·10	134·75	134·55	134·05	133·95	134·35	134·15	133·85	134·35
16	135·05	135·35	135·25	135·10	134·75	134·55	134·05	134·25	134·35	133·75	134·05	134·35
17	135·35	135·35	135·20	135·10	134·65	134·55	134·05	134·10	134·25	134·15	133·95	134·35
18	135·45	135·35	135·15	135·15	134·75	134·55	134·15	134·15	134·15	133·95	133·95	134·10
19	135·60	135·35	135·25	135·10	134·75	134·55	134·05	134·15	133·95	133·80	134·05	134·25
20	135·60	135·35	135·25	135·15	134·65	134·55	134·25	133·95	134·45	133·85	134·05	134·25
21	135·55	135·45	135·20	135·05	134·65	134·55	134·25	134·05	134·65	133·85	133·95	134·15
22	135·45	135·35	135·15	135·05	134·75	134·55	134·25	134·05	134·25	133·95	134·15	134·05
23	135·50	135·35	135·15	135·10	134·75	134·55	134·15	134·05	133·85	134·15	133·95	134·05
24	135·55	135·35	135·15	135·10	134·75	134·55	134·25	134·05	133·75	134·15	133·65	134·15
25	135·45	135·35	135·15	135·15	134·75	134·55	134·25	134·05	133·65	134·05	134·00	134·25
26	135·50	135·35	135·15	135·05	134·65	134·55	134·20	134·05	133·65	134·30	134·25	134·45
27	135·55	135·35	135·05	135·15	134·55	134·45	134·25	134·05	133·60	134·65	134·25	134·45
28	135·50	135·30	134·90	134·75	134·45	134·45	134·25	134·05	134·60	135·35	134·25	134·45
29	135·55	135·25	134·95	134·80	134·45	134·45	134·15	133·95	134·75	134·70	.....	134·35
30	135·55	135·25	135·15	134·85	134·75	134·35	134·15	134·00	134·35	134·25	.....	134·35
31	.....	135·25	.....	134·85	134·75	.....	134·20	.....	134·25	134·35	.....	134·25

ELEVATIONS above M.S.L., of St. Lawrence River at Cedars Village, for 1911-12.

TABLE No. 608.

1	.....	.....	.....	.....	125·85	125·45	125·15	125·05	125·55	126·05	125·85	125·45
2	.....	.....	.....	.....	125·85	125·55	125·05	125·65	125·45	126·05	125·75	125·15
3	.....	.....	.....	.....	125·85	125·55	125·05	125·55	125·45	126·25	125·45	125·25
4	.....	.....	.....	.....	125·75	125·45	125·15	125·35	125·45	126·15	125·75	125·15
5	.....	.....	.....	125·95	125·75	125·35	125·45	125·15	125·15	125·95	125·65	124·95
6	.....	.....	.....	126·15	125·75	125·25	125·25	125·25	125·45	125·85	125·75	124·85
7	.....	.....	.....	125·95	125·75	125·15	125·15	125·75	125·45	126·05	125·85	125·05
8	.....	.....	.....	125·95	125·75	125·05	125·25	125·65	125·25	125·85	126·05	124·95
9	.....	.....	.....	125·95	125·75	125·05	125·25	125·25	125·35	125·65	125·85	125·05
10	.....	.....	.....	126·05	125·75	125·15	125·35	125·15	125·25	125·75	125·75	125·15
11	.....	.....	.....	126·25	125·85	125·25	125·25	125·25	125·35	125·65	125·65	125·25
12	.....	.....	.....	126·15	125·65	125·35	125·25	125·75	125·45	125·45	125·55	124·95
13	.....	.....	.....	126·05	125·65	125·35	125·25	125·65	125·55	125·25	125·35	124·85
14	.....	.....	.....	126·25	125·75	125·25	125·05	125·55	125·65	125·65	125·55	124·95
15	.....	.....	.....	125·95	125·75	125·35	125·15	125·45	125·55	125·75	125·65	124·55
16	.....	.....	.....	125·95	125·75	125·45	125·25	125·55	125·35	126·25	125·45	124·65
17	.....	.....	.....	126·05	125·65	125·35	125·15	125·15	125·65	125·75	125·05	124·85
18	.....	.....	.....	126·15	125·65	125·35	125·35	125·25	125·75	125·45	124·65	124·85
19	.....	.....	.....	126·05	125·65	125·25	125·25	125·75	125·75	125·35	124·95	124·85
20	.....	.....	.....	126·05	125·65	125·35	125·25	125·65	125·65	125·65	124·95	124·95
21	.....	.....	.....	125·95	125·65	125·35	125·25	125·45	125·45	125·75	125·05	125·15
22	.....	.....	.....	126·15	125·75	125·35	125·25	125·35	125·35	125·85	125·15	125·25
23	.....	.....	.....	126·15	125·65	125·35	125·65	125·15	125·75	125·85	125·25	125·35
24	.....	.....	.....	126·15	125·55	125·35	125·55	125·35	125·75	126·15	125·35	125·35
25	.....	.....	.....	126·55	125·55	125·35	125·55	125·35	125·65	126·45	124·65	125·25
26	.....	.....	.....	126·35	125·55	125·35	125·45	125·45	126·05	126·25	124·45	125·25
27	.....	.....	.....	126·05	125·45	125·35	125·45	125·25	126·15	126·05	124·55	125·25
28	.....	.....	.....	125·95	125·75	125·25	125·65	125·15	125·75	125·85	124·65	125·15
29	.....	.....	.....	125·95	125·75	125·25	125·75	125·55	125·25	125·45	124·85	125·15
30	.....	.....	.....	125·95	125·35	125·15	125·55	125·55	125·75	125·45	.....	125·25
31	.....	.....	.....	125·95	125·35	.....	125·25	.....	.....	126·05	.....	125·35

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of St. Lawrence River at Cedars Village, for 1912-13.

TABLE No. 609.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	125·55	127·05	128·45	127·05	126·95	126·55	126·59	126·34	126·64	126·54	127·59	127·49
2	125·45	126·95	128·15	127·15	126·85	126·55	126·69	126·44	126·49	126·39	127·39	127·59
3	125·65	127·05	128·15	127·15	126·75	126·55	126·69	126·19	126·84	126·59	127·59	127·24
4	125·85	126·95	127·95	127·05	126·75	126·65	126·59	126·29	126·89	126·99	127·14	126·84
5	126·05	126·85	127·85	127·15	126·75	126·55	126·59	126·39	126·64	126·79	127·64	126·54
6	126·25	126·95	127·65	127·05	126·95	126·65	126·49	126·49	127·24	126·59	127·49	126·64
7	127·25	126·85	127·65	127·15	126·85	126·55	126·49	126·44	127·49	126·34	127·29	126·34
8	127·85	126·85	127·65	127·05	126·75	126·65	126·54	126·79	127·54	126·39	127·79	126·79
9	127·55	126·85	127·55	127·05	126·75	126·75	126·34	126·74	127·04	126·04	127·64	126·44
10	127·25	126·95	127·55	127·15	126·85	126·65	126·24	126·64	127·14	126·09	127·49	126·54
11	127·25	126·95	127·55	127·05	126·95	126·75	126·09	126·69	127·04	126·39	127·39	126·34
12	127·35	127·05	127·55	126·95	126·85	126·65	126·29	126·39	126·89	126·79	127·59	126·49
13	127·15	127·05	127·45	127·05	126·95	126·55	126·59	126·64	126·74	126·49	127·99	126·34
14	126·85	126·95	127·35	127·05	126·85	126·55	126·59	126·54	126·64	127·34	127·69	126·49
15	126·95	127·05	127·25	126·95	126·65	126·65	126·39	126·74	126·64	127·39	127·89	127·34
16	127·25	127·05	127·45	127·05	126·65	126·65	126·39	126·69	126·54	127·29	127·49	127·99
17	127·35	126·85	127·55	127·05	126·65	126·65	126·49	126·64	126·69	127·04	127 59	127·59
18	127·35	127·15	127·45	126·75	126·65	126·55	126·29	126·74	126·24	127·44	127·99	127·19
19	127·65	127·25	127·45	126·85	126·65	126·55	126·44	126·74	126·74	127·74	127·09	127·29
20	127·55	127·15	127·45	126·95	126·55	126·45	126·44	126·84	126·59	127·64	127·24	127·49
21	127·35	127·05	127·35	126·95	126·65	126·65	126·19	126·69	126·34	127·69	127·59	127·84
22	127·25	127·95	127·25	126·75	126·65	126·65	126·24	126·59	126·14	127·84	127·49	128·49
23	127·45	127·25	127·35	126·85	126·65	126·65	126·14	126·34	126·49	127·94	127·64	127·99
24	127·25	127·45	127·35	126·95	126·65	126·65	126·24	125·89	126·59	127·54	127·79	127·84
25	127·45	127·65	127·45	127·05	126·75	126·75	126·24	126·59	126·44	127·44	127·89	127·89
26	127·35	127·65	127·35	126·95	126·75	126·75	126·24	126·54	126·49	127·44	127·84	127·99
27	127·75	127·55	127·15	126·85	126·85	126·85	126·34	126·64	126·59	127·59	127·59	127·94
28	127·35	127·45	127·25	127·05	126·85	126·75	126·44	126·69	126·44	127·14	127·49	128·19
29	127·05	127·45	127·15	127·05	126·75	126·65	126·24	126·49	126·54	127·64	.....	128·24
30	127·05	127·45	127·25	126·95	126·75	126·75	126·34	126·79	126·44	127·54	.....	128·19
31	.....	128·45	.....	126·85	126·55	.....	126·54	.....	126·49	127·34	.....	128·79

Elevations above M.S.L., of St. Lawrence River at Cedars Village, for 1913-14.

TABLE No. 610.

1	129·10	127·65	128·00	127·70	127·35	127·20	127·70	127·65	127·85	128·10	128·45	127·60
2	128·90	127·80	128·00	127·70	127·35	127·05	127·75	127·25	127·95	128·05	128·75	127·70
3	128·20	127·70	127·90	127·65	127·40	127·05	127·65	127·35	128·10	128·35	128·70	127·65
4	128·00	127·65	127·80	127·55	127·45	127·25	127·75	127·25	128·20	128·50	128·75	127·70
5	129·10	127·85	127·80	127·70	127·30	127·25	127·65	127·35	128·20	128·65	128·65	127·85
6	129·10	127·90	127·80	127·70	127·25	126·95	127·75	127·25	128·25	128·45	128·55	127·70
7	128·80	127·75	127·80	127·75	127·15	127·25	127·85	127·10	128·25	128·55	129·20	127·60
8	128·40	127·65	127·80	127·70	127·25	127·10	127·80	127·05	128·35	128·05	128·85	127·35
9	128·15	127·65	127·90	127·65	127·25	126·70	127·85	127·05	128·70	127·90	128·75	127·45
10	127·80	127·70	128·00	127·75	127·35	126·75	127·75	127·30	128·55	127·95	128·70	127·55
11	127·85	127·75	128·05	127·60	127·35	126·75	127·80	127·80	128·45	127·95	128·45	127·95
12	127·95	127·65	127·85	127·65	127·25	126·85	127·65	127·60	128·45	128·10	128·60	127·80
13	128·05	127·70	127·95	127·75	127·20	126·75	127·60	127·45	128·55	128·15	128·95	128·20
14	128·00	127·70	127·95	127·80	127·20	126·80	127·80	127·55	128·35	128·30	128·35	128·20
15	127·90	127·65	127·75	127·70	127·25	126·70	127·75	127·45	128·45	127·80	128·75	.....
16	127·95	127·40	127·90	127·60	127·20	126·65	127·75	127·35	128·65	128·45	128·70	.....
17	127·75	127·55	127·75	127·55	127·20	127·55	126·65	127·50	128·55	128·85	129·50	.....
18	127·80	127·65	127·75	127·65	127·15	127·80	126·55	127·65	128·40	128·50	129·90	.....
19	127·95	127·80	127·70	127·55	126·95	127·70	126·65	127·60	128·20	129·10	129·70	.....
20	127·80	127·75	127·65	127·55	126·75	127·65	126·75	127·90	128·35	129·40	128·85	.....
21	127·95	127·65	127·65	127·55	126·80	127·75	126·90	127·75	128·25	129·00	129·05	.....
22	127·85	127·65	127·65	127·55	127·15	127·80	126·85	127·85	128·35	129·00	128·9	.....
23	127·85	127·70	127·75	127·55	127·20	127·90	126·95	128·25	127·95	129·55	128·35	.....
24	127·75	127·75	127·70	127·55	127·15	127·85	126·85	128·20	128·10	.....	128·15	.....
25	127·85	127·70	127·55	127·50	127·20	127·70	127·80	128·10	128·10	.....	128·25	.....
26	127·65	127·80	127·60	127·45	127·15	127·80	127·95	127·95	128·15	128·60	128·15	.....
27	127·75	127·65	127·70	127·45	127·20	127·75	128·00	127·55	128·25	128·55	127·70	.....
28	127·75	127·75	127·65	127·50	127·10	127·80	127·90	127·65	128·15	129·25	127·65	.....
29	127·55	127·75	127·55	127·45	126·90	127·55	127·30	127·75	128·10	129·20	.....	.....
30	127·60	127·90	127·70	127·45	127·30	127·65	127·15	127·75	128·15	129·15	.....	.....
31	.....	127·90	.....	127·35	127·15	.....	127·30	.....	128·20	128·60	.....	.....

ELEVATIONS above M.S.L., of St. Lawrence River at Cedars Village, for 1914-15

TABLE No. 611.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	129·80	129·80	129·35	129·56	128·96	128·20	128·50	129·20	128·30	128·20
2	.....	.....	129·60	129·85	129·35	129·56	128·96	128·20	128·60	129·60	128·50	128·30
3	.....	.....	129·60	129·85	129·35	129·56	128·91	128·15	128·40	129·90	128·55	128·30
4	.....	130·20	129·80	129·90	129·35	129·56	128·91	128·40	128·20	128·90	127·80	128·00
5	.....	130·20	129·90	129·90	129·35	129·51	128·96	128·25	128·20	129·90	128·10	127·90
6	.....	130·20	129·90	129·90	129·35	129·56	128·86	128·20	127·90	130·00	128·10	128·10
7	.....	130·10	129·90	129·90	129·35	129·56	128·81	128·10	127·60	129·60	127·90	128·30
8	.....	130·10	129·90	129·90	129·35	129·51	128·81	128·10	127·60	129·40	128·20	128·20
9	.....	130·10	129·90	129·90	129·35	129·36	128·81	128·20	127·70	129·20	128·20	128·20
10	.....	130·10	129·95	129·90	129·35	129·31	128·81	128·10	127·70	128·50	128·00	128·30
11	.....	130·10	129·90	129·80	129·35	129·26	128·81	128·30	128·00	128·00	127·80	128·25
12	.....	130·10	129·90	129·80	129·40	129·21	128·81	128·40	128·40	127·80	127·70	128·20
13	.....	130·10	129·90	129·70	129·40	129·21	128·81	128·30	128·30	127·90	127·70	128·20
14	.....	130·00	129·90	129·60	129·40	129·21	128·71	128·40	128·40	127·95	127·80	128·00
15	.....	130·00	129·90	129·60	129·51	129·21	128·71	128·25	128·50	128·30	128·00	128·00
16	.....	130·00	129·90	129·60	129·51	129·21	128·66	128·60	128·50	128·20	128·10	128·30
17	.....	130·10	129·90	129·60	129·51	129·11	128·66	129·10	128·50	127·70	127·70	128·20
18	.....	130·00	129·90	129·60	129·51	129·11	128·66	128·70	128·50	127·60	127·70	128·20
19	.....	130·00	129·90	129·60	129·51	129·11	128·76	128·40	128·65	127·75	127·70	128·30
20	.....	130·00	129·90	129·60	129·51	129·11	128·81	128·50	128·65	127·70	127·80	128·40
21	.....	130·00	129·90	129·60	129·46	129·01	128·81	128·50	129·00	127·80	128·00	128·40
22	.....	129·90	129·90	129·65	129·51	129·01	128·91	128·60	129·20	127·80	128·00	128·40
23	.....	129·90	129·90	129·65	129·51	129·01	128·81	128·70	129·20	128·30	128·10	128·40
24	.....	130·00	129·90	129·65	129·51	129·11	.....	128·60	129·40	128·30	128·00	128·20
25	.....	130·00	129·90	129·65	129·51	129·11	.....	128·55	129·00	128·35	127·70	128·20
26	.....	130·00	129·90	129·60	129·51	129·01	128·86	128·50	128·90	128·40	127·70	128·00
27	.....	130·00	129·90	129·50	129·51	129·01	128·80	128·50	128·90	128·40	127·60	128·20
28	.....	130·00	129·80	129·40	129·51	128·96	128·90	128·40	128·80	128·35	127·80	128·00
29	.....	129·90	129·90	129·35	129·51	128·96	128·90	128·40	128·80	128·30	.....	128·00
30	.....	129·90	129·90	129·35	129·56	128·96	128·10	128·50	128·70	128·00	.....	128·00
31	.....	130·00	.....	129·35	129·56	.....	128·10	.....	128·90	128·30	.....	128·20

ELEVATIONS above M.S.L., of St. Lawrence River at St. Timothée, for 1912-13.

TABLE No. 612.

1	.....	.....	.....	.....	.....	.....	.....	.....	100·91	100·86	100·76	101·01	100·71
2	.....	.....	.....	.....	.....	.....	.....	.....	100·96	101·01	100·71	100·86	100·56
3	.....	.....	.....	.....	.....	.....	.....	.....	100·86	101·31	100·66	101·16	100·51
4	.....	.....	.....	.....	.....	.....	.....	.....	100·96	101·41	101·11	100·76	100·61
5	.....	.....	.....	.....	.....	.....	.....	.....	101·06	101·36	100·91	100·76	100·61
6	.....	.....	.....	.....	.....	.....	.....	.....	100·96	101·41	100·76	100·76	100·61
7	.....	.....	.....	.....	.....	.....	.....	.....	100·91	101·46	100·71	100·61	100·36
8	.....	.....	.....	.....	.....	.....	.....	.....	101·16	101·36	100·61	100·91	100·86
9	.....	.....	.....	.....	.....	.....	.....	.....	101·31	101·36	100·06	100·31	100·76
10	.....	.....	.....	.....	.....	.....	.....	.....	101·21	101·36	100·46	100·56	100·66
11	.....	.....	.....	.....	.....	.....	.....	.....	101·26	101·36	100·86	100·86	100·56
12	.....	.....	.....	.....	.....	.....	.....	.....	101·16	101·21	101·36	100·56	100·51
13	.....	.....	.....	.....	.....	.....	.....	101·01	100·76	101·11	100·66	100·46	100·66
14	.....	.....	.....	.....	.....	.....	.....	101·11	100·91	101·11	100·81	100·71	100·96
15	.....	.....	.....	.....	.....	.....	.....	101·06	101·21	100·91	101·16	100·51	101·41
16	.....	.....	.....	.....	.....	.....	.....	100·91	101·16	101·01	101·41	100·46	101·61
17	.....	.....	.....	.....	.....	.....	.....	101·01	101·16	100·86	101·26	100·71	101·21
18	.....	.....	.....	.....	.....	.....	.....	100·96	101·21	100·76	101·51	100·76	101·36
19	.....	.....	.....	.....	.....	.....	.....	100·91	101·06	100·96	101·46	100·66	101·31
20	.....	.....	.....	.....	.....	.....	.....	100·91	101·06	101·01	101·46	100·56	101·46
21	.....	.....	.....	.....	.....	.....	.....	100·86	101·11	100·96	101·46	100·86	101·46
22	.....	.....	.....	.....	.....	.....	.....	100·86	101·06	100·71	101·61	100·56	101·86
23	.....	.....	.....	.....	.....	.....	.....	100·86	101·01	101·01	101·36	100·31	101·71
24	.....	.....	.....	.....	.....	.....	.....	100·91	100·91	100·86	101·46	100·06	101·71
25	.....	.....	.....	.....	.....	.....	.....	100·96	100·86	100·81	101·51	100·61	101·86
26	.....	.....	.....	.....	.....	.....	.....	101·06	101·11	100·96	101·26	100·76	101·76
27	.....	.....	.....	.....	.....	.....	.....	101·11	101·21	100·91	101·41	100·91	101·81
28	.....	.....	.....	.....	.....	.....	.....	101·06	101·16	100·91	101·36	100·91	101·86
29	.....	.....	.....	.....	.....	.....	.....	100·91	101·06	100·76	100·86	.....	101·91
30	.....	.....	.....	.....	.....	.....	.....	101·06	101·11	100·96	101·21	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	101·06	.....	100·96	101·21	.....	.....

Elevations above M.S.L., of St. Lawrence River at P. L. H. & P. Co., Cedars, for 1912–13.

TABLE No. 613.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	95·10	95·80	96·70	96·00	96·00	95·70	95·70	95·40	95·60	95·45	96·10	95·40
2	95·15	95·70	96·60	96·05	95·95	95·80	95·70	95·45	95·55	95·45	95·90	95·40
3	95·20	95·70	96·50	96·10	95·90	95·90	95·70	95·50	95·60	95·40	95·90	95·40
4	95·00	95·70	96·30	96·10	95·85	95·80	95·80	95·55	95·70	95·40	95·80	95·45
5	94·90	95·80	96·20	96·15	95·90	95·85	95·75	95·55	95·85	95·40	95·80	95·40
6	94·90	95·70	96·40	96·10	96·00	95·90	95·70	95·60	95·90	95·50	95·70	95·50
7	96·50	95·70	96·20	96·00	95·85	95·90	95·80	95·70	95·90	95·45	95·40	95·50
8	96·60	95·90	96·50	96·00	95·85	95·80	95·70	95·80	96·00	95·60	95·35	95·55
9	96·40	95·70	96·50	96·00	95·90	95·75	95·70	95·80	95·90	95·55	95·50	95·60
10	96·20	95·70	96·40	96·05	95·90	95·80	95·60	95·60	95·80	95·60	95·50	95·60
11	96·20	95·70	96·50	96·10	95·95	95·80	95·50	95·65	95·70	95·70	95·40	95·60
12	96·10	95·80	96·40	96·15	96·00	95·80	95·40	95·70	95·70	95·90	95·60	95·60
13	95·95	95·90	96·20	96·10	96·00	95·70	95·60	95·40	95·60	96·00	95·70	95·70
14	96·00	95·70	96·30	95·90	95·95	95·70	95·70	95·40	95·60	96·00	95·70	95·70
15	95·90	95·95	96·10	96·00	95·90	95·70	95·60	95·70	95·60	96·05	95·80	95·75
16	96·05	96·00	96·20	96·00	95·90	95·70	95·60	95·70	95·60	96·20	96·00	95·90
17	96·10	95·90	96·00	96·05	96·00	95·80	95·60	95·60	95·60	96·30	96·00	95·90
18	96·20	95·90	96·30	96·10	95·90	96·00	95·50	95·70	95·60	96·20	95·90	95·90
19	96·25	95·90	96·10	95·90	95·90	95·90	95·60	95·60	95·60	96·40	95·90	96·00
20	96·30	95·90	96·10	95·90	95·85	95·90	95·70	95·60	95·70	96·50	95·90	96·00
21	96·30	95·80	96·15	96·00	95·80	95·90	95·60	95·55	95·60	96·50	95·70	96·10
22	96·20	96·00	96·10	95·90	95·80	95·80	95·60	95·50	95·60	96·55	95·60	96·30
23	96·00	95·80	95·90	95·80	95·90	95·80	95·55	95·60	95·60	96·40	95·60	96·40
24	96·10	95·90	96·00	95·85	95·90	95·85	95·55	95·60	95·50	96·30	95·50	96·40
25	96·10	96·10	96·05	95·95	96·00	95·80	95·60	95·50	95·50	96·35	95·30	96·40
26	96·20	96·10	96·10	95·90	95·90	95·90	95·60	95·60	95·50	96·20	95·30	96·40
27	96·00	96·00	96·10	95·90	95·95	95·90	95·50	95·60	95·50	96·40	95·30	96·60
28	96·10	96·20	96·15	96·00	95·80	95·80	95·50	95·60	95·45	96·40	95·35	96·70
29	96·00	96·40	96·10	95·90	95·90	95·70	95·50	95·70	95·40	96·30	.....	96·70
30	95·90	96·70	95·90	95·95	96·10	95·70	95·50	95·20	95·40	96·25	.....	96·90
31	.....	96·70	.....	96·00	96·20	.....	95·40	.....	95·50	96·10	.....	97·00

Elevations above M.S.L., of St. Lawrence River at P. L. H. & P. Co., Cedars, for 1913–14.

TABLE No. 614.

1	97·20	95·80	96·45	96·20	96·25	96·05	95·70	95·80	95·10	.....	95·50	95·30
2	97·00	95·70	96·30	96·30	96·30	96·05	95·70	95·80	95·10	.....	95·50	95·30
3	96·70	95·70	96·30	96·40	96·30	96·00	95·70	95·80	95·10	.....	95·30	95·30
4	96·60	95·80	96·30	96·40	96·30	96·00	95·75	95·80	95·15	.....	95·20	95·30
5	97·20	95·60	96·40	96·45	96·20	96·00	95·70	95·70	95·20	.....	95·20	95·20
6	97·20	95·50	96·50	96·50	96·20	95·95	95·80	95·70	95·20	.....	95·10	95·20
7	96·80	95·60	96·30	96·50	96·20	95·90	95·90	95·60	95·00	.....	95·10	95·20
8	96·80	95·60	96·25	96·55	96·10	95·90	95·90	95·60	95·00	.....	95·15	95·10
9	96·60	95·70	96·30	96·40	96·10	95·90	95·80	95·70	95·00	.....	95·00	94·90
10	96·40	95·90	96·30	96·40	96·10	95·80	95·80	95·70	95·10	.....	95·00	94·70
11	96·30	96·10	96·20	96·30	96·15	95·80	95·80	95·80	95·30	.....	95·00	94·70
12	96·20	96·10	96·30	96·35	96·10	95·80	95·70	95·80	95·30	.....	95·00	94·70
13	96·30	96·20	96·40	96·30	96·10	95·80	95·70	95·70	95·40	.....	95·00	94·70
14	96·30	96·20	96·50	96·30	96·10	95·90	95·60	95·70	95·40	.....	95·10	94·80
15	96·40	96·30	96·55	96·30	96·00	95·70	95·60	95·60	95·30	95·50	95·15	94·80
16	96·30	96·30	96·60	96·20	96·05	95·70	95·60	95·60	95·30	95·40	95·10	94·90
17	96·40	96·10	96·40	96·20	95·95	95·70	95·60	95·70	95·30	95·45	95·00	94·90
18	96·40	96·10	96·20	96·30	96·00	95·60	95·60	95·50	95·30	95·40	95·20	94·90
19	96·40	96·20	96·20	96·30	96·00	95·60	95·60	95·50	95·20	95·40	95·20	95·10
20	96·30	96·20	96·25	96·35	95·90	95·60	95·70	95·50	95·25	95·60	95·30	95·20
21	96·40	96·20	96·10	96·30	95·95	95·80	95·70	95·40	95·20	95·60	95·30	95·20
22	96·50	96·30	96·10	96·20	95·95	95·90	95·70	95·45	95·20	95·70	95·20	95·20
23	96·40	96·30	96·10	96·10	96·00	95·90	95·70	95·40	95·20	95·90	95·20	95·20
24	96·40	96·30	96·15	96·30	96·00	95·90	95·70	95·40	95·20	96·10	95·25	95·10
25	96·30	96·35	96·10	96·30	95·90	95·95	95·80	95·40	95·25	95·90	95·20	95·10
26	96·20	96·40	96·20	96·20	95·95	95·90	95·80	95·40	95·10	95·40	95·20	95·10
27	96·20	96·40	96·30	96·20	95·90	95·80	95·70	95·50	95·10	95·10	95·30	95·50
28	96·10	96·30	96·35	96·20	95·90	95·80	95·70	95·30	95·10	95·10	95·30	95·60
29	96·10	96·40	96·20	96·20	95·90	95·70	95·70	95·30	95·10	95·10	.....	95·60
30	95·90	96·40	96·20	96·20	95·95	95·70	95·70	95·20	95·15	95·30	.....	95·60
31	.....	96·40	.....	96·20	96·00	.....	95·75	.....	95·15	95·30	.....	95·50

Elevations above M.S.L., of St. Lawrence River at P. L. H. & P. Co., Cedars, for 1914–15.

TABLE No. 615.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	95·70	95·90	95·70	95·90	95·80	95·70	95·40	95·20	95·05	95·20	95·10	95·00
2	95·70	95·90	95·70	95·90	95·80	95·70	95·40	95·25	95·00	95·20	95·10	95·00
3	95·70	95·80	95·70	95·90	95·80	95·70	95·40	95·20	95·00	95·20	95·00	95·10
4	95·70	95·80	95·70	95·90	95·80	95·70	95·40	95·20	95·00	95·25	95·00	95·10
5	95·80	95·90	95·80	95·90	95·80	95·70	95·40	95·10	94·90	95·30	95·00	95·10
6	95·80	95·80	95·90	95·90	95·80	95·70	95·40	95·10	94·90	95·30	95·00	95·00
7	95·90	95·80	95·90	95·90	95·80	95·70	95·40	95·15	94·95	95·00	94·90	95·05
8	95·90	95·80	96·00	96·00	95·80	95·70	95·40	95·10	94·90	95·00	94·90	95·10
9	95·95	95·80	96·10	95·90	95·80	95·75	95·40	95·10	94·90	94·90	94·90	95·10
10	96·00	95·80	96·10	95·90	95·90	95·75	95·40	95·10	94·80	94·90	94·95	95·10
11	96·00	95·70	96·10	95·90	95·90	95·70	95·40	95·10	94·80	94·90	94·95	95·10
12	96·00	95·70	96·00	95·90	95·90	95·70	95·40	95·10	94·80	94·90	94·90	95·00
13	95·90	95·70	96·00	95·90	95·90	95·70	95·40	94·95	94·90	94·70	94·90	95·00
14	95·90	95·80	95·90	95·95	95·90	95·70	95·40	95·00	94·90	94·70	94·90	94·90
15	95·80	95·80	95·90	95·90	95·90	95·70	95·40	95·00	94·80	94·70	94·90	95·00
16	95·80	95·80	95·90	95·90	95·90	95·70	95·35	95·10	94·80	94·80	94·90	95·10
17	95·70	95·80	95·90	95·90	95·90	95·70	95·35	95·40	94·90	94·90	94·90	95·10
18	95·70	95·80	95·90	95·90	95·80	95·70	95·35	95·30	94·90	94·90	94·90	95·10
19	95·70	95·80	95·90	95·90	95·70	95·70	95·30	95·20	94·90	94·90	94·90	95·10
20	95·70	95·90	95·90	95·90	95·70	95·60	95·30	95·20	94·90	94·90	94·90	95·10
21	95·70	95·90	96·00	95·90	95·70	95·60	95·30	95·20	94·80	94·90	94·90	95·00
22	95·70	95·90	95·90	96·00	95·70	95·60	95·30	95·10	94·80	95·00	94·80	95·00
23	95·80	95·90	95·90	96·00	95·75	95·50	95·10	95·00	94·80	95·00	94·80	95·10
24	95·80	95·90	95·90	96·00	95·75	95·50	.....	95·10	95·00	95·05	94·90	95·20
25	95·90	95·80	95·90	95·90	95·70	95·50	.....	95·10	95·00	95·05	95·10	95·20
26	95·70	95·90	96·00	95·90	95·70	95·50	95·05	95·10	95·10	95·10	95·10	95·20
27	95·70	95·90	96·00	95·90	95·70	95·40	95·05	95·10	95·20	95·10	95·05	95·25
28	95·80	95·90	96·00	95·90	95·70	95·40	95·25	95·10	95·20	95·00	95·00	95·20
29	95·80	95·90	96·00	95·90	95·70	95·40	95·20	95·10	95·20	95·00	.....	95·20
30	95·80	95·70	96·00	95·80	95·70	95·40	95·25	95·10	95·30	95·00	.....	95·20
31	.....	95·70	.....	95·80	95·70	.....	95·05	.....	95·30	95·10	.....	95·30

Elevations above M.S.L., of St. Lawrence River at Dumesnil's Point, for 1911–12.

TABLE No. 616.

1	.....	.....	.....	.....	.....	.....	.....	92·86	93·16	93·46	92·96	92·26
2	.....	.....	.....	.....	.....	.....	.....	92·96	93·06	93·36	92·86	92·26
3	.....	.....	.....	.....	.....	.....	.....	93·16	93·06	93·36	92·96	92·46
4	.....	.....	.....	.....	.....	.....	.....	93·06	93·06	93·46	92·96	92·36
5	.....	.....	.....	.....	.....	.....	.....	92·86	93·06	93·56	93·06	92·56
6	.....	.....	.....	.....	.....	.....	.....	92·96	93·06	93·56	93·06	92·56
7	.....	.....	.....	.....	.....	.....	.....	93·26	93·16	93·26	93·16	92·46
8	.....	.....	.....	.....	.....	.....	.....	93·16	93·06	93·26	92·96	92·56
9	.....	.....	.....	.....	.....	.....	.....	92·96	93·16	93·86	92·86	92·56
10	.....	.....	.....	.....	.....	.....	.....	93·06	92·96	93·66	93·16	92·46
11	.....	.....	.....	.....	.....	.....	.....	92·86	93·16	93·36	92·76	92·46
12	.....	.....	.....	.....	.....	.....	.....	92·96	93·06	93·46	92·56	92·56
13	.....	.....	.....	.....	.....	.....	.....	93·26	93·06	93·26	92·56	92·56
14	.....	.....	.....	.....	.....	.....	92·86	93·26	93·16	93·56	92·66	92·46
15	.....	.....	.....	.....	.....	.....	92·86	93·26	93·26	93·66	92·66	92·56
16	.....	.....	.....	.....	.....	.....	92·96	93·26	93·26	93·76	92·56	92·46
17	.....	.....	.....	.....	.....	.....	93·06	93·06	93·36	93·66	92·66	92·46
18	.....	.....	.....	.....	.....	.....	93·06	92·96	92·46	93·56	92·46	92·56
19	.....	.....	.....	.....	.....	.....	93·16	93·16	92·46	93·56	92·36	92·56
20	.....	.....	.....	.....	.....	.....	93·06	93·36	93·26	93·46	92·56	92·56
21	.....	.....	.....	.....	.....	.....	92·86	93·26	93·26	93·26	92·46	92·46
22	.....	.....	.....	.....	.....	.....	92·86	93·26	93·16	93·26	92·36	92·56
23	.....	.....	.....	.....	.....	.....	93·16	93·06	93·36	93·26	92·16	92·46
24	.....	.....	.....	.....	.....	.....	93·26	93·16	93·16	93·26	92·06	92·56
25	.....	.....	.....	.....	.....	.....	93·06	93·06	93·26	93·26	92·16	92·76
26	.....	.....	.....	.....	.....	.....	93·06	93·06	93·36	93·26	92·26	92·66
27	.....	.....	.....	.....	.....	.....	93·06	93·16	93·36	93·36	92·26	92·66
28	.....	.....	.....	.....	.....	.....	93·26	92·96	93·26	93·26	92·16	92·76
29	.....	.....	.....	.....	.....	.....	93·16	93·16	93·16	93·06	.....	92·66
30	.....	.....	.....	.....	.....	.....	93·06	93·26	93·06	93·16	.....	92·76
31	.....	.....	.....	.....	.....	.....	92·86	.....	.....	93·06	.....	92·76

Elevations above M.S.L., of St. Lawrence River at Dumesnil's Point, for 1912–13.

TABLE No. 617.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	92·86	94·16	95·06	94·16	94·16	93·76	93·96	93·96	93·76	93·86	94·36	93·96
2	93·06	94·26	94·96	94·16	94·16	93·96	93·96	94·06	93·86	93·76	94·16	94·06
3	93·16	94·16	95·06	94·26	94·16	93·96	94·06	93·86	93·96	93·76	94·06	93·96
4	93·16	94·16	94·96	94·26	94·16	93·96	93·96	93·86	94·36	94·06	93·96	93·86
5	93·36	93·96	94·96	94·26	94·16	93·96	93·86	93·76	94·36	94·16	93·86	93·96
6	93·56	93·96	94·76	94·26	94·06	94·06	93·86	93·66	94·26	94·06	93·76	93·86
7	93·96	94·06	94·66	94·26	94·16	93·96	93·96	93·76	94·26	93·86	93·66	93·76
8	94·26	93·96	94·96	94·26	94·06	94·06	93·96	94·06	94·16	94·06	93·56	93·86
9	94·36	94·06	94·56	94·16	94·06	94·06	93·86	93·96	94·26	94·16	93·56	94·06
10	94·76	94·06	94·56	94·16	94·06	94·06	93·86	94·16	94·26	94·06	93·66	93·86
11	95·06	93·96	94·56	94·26	94·06	94·06	93·86	94·06	94·16	94·06	93·66	93·66
12	95·16	93·96	94·66	94·16	94·16	94·06	93·96	94·06	94·56	94·26	93·56	93·86
13	95·06	94·06	94·56	94·06	94·06	94·06	93·96	93·86	94·16	94·26	93·66	93·86
14	94·66	94·16	94·46	94·16	94·06	94·06	93·96	93·86	94·06	94·36	93·56	94·06
15	94·36	93·96	94·36	94·16	94·06	93·96	93·96	94·06	94·06	94·36	93·66	94·26
16	94·26	93·96	94·36	94·06	94·06	93·96	93·96	94·16	94·16	94·46	93·76	94·46
17	94·36	94·16	94·66	94·06	93·96	94·06	94·06	94·06	93·96	94·26	94·16	94·36
18	94·46	94·46	94·56	94·16	93·96	93·96	93·86	94·06	94·06	94·26	93·96	94·16
19	94·66	94·26	94·46	94·06	93·96	93·96	93·96	93·96	94·06	94·66	94·06	93·96
20	94·56	94·06	94·46	94·06	93·96	94·06	93·86	93·96	94·16	94·86	94·16	94·26
21	94·26	94·06	94·36	94·06	94·06	93·96	93·76	94·06	94·06	94·96	94·26	94·36
22	94·36	94·16	94·36	94·16	94·06	93·86	93·76	93·96	93·86	94·96	94·06	94·66
23	94·56	94·36	94·36	94·06	94·06	93·86	93·76	93·96	93·86	94·96	94·16	94·76
24	94·36	94·46	94·26	94·06	94·06	93·96	93·66	93·56	93·76	94·86	94·06	94·96
25	94·56	94·56	94·36	94·06	94·06	93·86	93·76	93·66	93·76	94·76	94·06	94·86
26	94·56	94·46	94·36	94·16	94·06	93·96	93·96	93·76	93·76	94·76	94·16	94·96
27	94·66	94·46	94·26	94·06	94·06	94·16	93·96	93·86	93·66	94·76	93·96	94·96
28	94·46	94·56	94·26	94·16	94·06	94·16	93·96	93·76	93·86	94·66	94·06	95·06
29	94·26	94·46	94·26	94·36	94·06	93·86	93·76	93·66	93·76	94·56	.....	95·16
30	94·16	94·96	94·16	94·26	93·96	93·96	93·96	93·66	93·66	94·56	.....	95·06
31	.....	95·26	.....	94·16	93·86	.....	93·96	.....	93·86	94·36	.....	95·16

Elevations above M.S.L., of St. Lawrence River at Dumesnil's Point, for 1913–14.

TABLE No. 618.

1	95·26	94·76	94·86	94·86	94·56	94·36	93·96	94·16	93·86	93·76	93·56	92·86
2	95·26	94·66	94·96	94·76	94·66	94·26	93·96	94·06	93·86	93·66	93·56	92·76
3	95·06	94·56	94·86	94·76	94·56	94·26	94·06	94·06	93·96	93·66	93·66	92·76
4	94·86	94·56	94·76	94·66	94·66	94·16	94·16	94·16	94·06	93·66	93·66	92·86
5	95·46	94·46	94·86	94·56	94·56	94·06	93·96	94·06	93·96	93·76	93·56	92·86
6	95·26	94·56	94·96	94·86	94·46	93·96	93·96	94·06	93·96	93·76	93·56	92·86
7	95·06	94·56	94·86	94·76	94·46	94·06	93·86	93·96	93·86	93·66	93·56	92·56
8	95·16	94·66	94·76	94·66	94·46	94·16	93·96	93·96	94·06	93·66	93·56	92·56
9	95·16	94·56	94·66	94·76	94·56	94·16	93·86	93·76	94·06	93·76	93·46	92·66
10	94·96	94·66	94·86	94·76	94·46	94·06	93·86	93·86	94·16	93·76	93·46	92·66
11	95·06	94·56	95·06	94·76	94·46	94·16	93·96	93·96	94·06	93·66	93·56	92·66
12	95·16	94·66	94·86	94·66	94·36	94·16	93·96	93·96	94·06	93·76	93·46	92·56
13	94·96	94·46	94·96	94·76	94·36	94·26	93·96	93·86	94·06	93·66	93·36	92·56
14	94·86	94·56	94·76	94·76	94·46	94·16	93·86	93·96	93·96	93·56	93·46	92·76
15	94·86	94·46	94·66	94·66	94·36	94·06	93·86	94·06	93·96	93·76	93·26	92·76
16	94·76	94·46	94·86	94·66	94·46	93·96	93·86	93·96	93·86	93·76	93·26	92·76
17	94·86	94·56	94·86	94·66	94·36	94·06	93·76	94·16	93·96	93·86	93·36	92·96
18	94·76	94·66	94·86	94·66	94·26	93·96	93·76	94·06	93·86	94·06	93·46	93·06
19	94·86	94·76	94·76	94·76	94·26	93·96	93·86	93·86	93·86	94·06	93· 6	93·06
20	94·96	94·76	94·66	94·66	94·26	94·16	93·86	94·16	93·76	93·96	93·36	92·96
21	94·86	94·66	94·76	94·66	94·16	94·16	94·16	93·96	93·76	93·96	93·36	92·96
22	94·86	94·56	94·76	94·76	94·16	94·26	94·16	94·06	93·86	94·06	93·36	93·06
23	94·76	94·76	94·76	94·66	94·36	94·26	94·06	94·26	93·76	94·06	93·26	93·26
24	94·86	94·56	94·66	94·56	94·46	94·16	94·16	94·16	93·76	94·26	93·16	93·36
25	94·86	94·76	94·76	94·66	94·36	94·16	94·06	94·16	93·76	93·56	92·96	93·56
26	94·76	94·76	94·66	94·76	94·36	94·16	93·96	94·06	93·86	93·66	93·06	93·66
27	94·66	94·66	94·76	94·56	94·46	94·16	94·06	93·86	93·76	93·56	92·96	93·76
28	94·76	94·76	94·66	94·66	94·36	94·26	94·16	93·86	93·76	93·66	92·96	94·06
29	94·66	94·86	94·66	94·66	94·56	94·26	94·06	93·76	93·76	93·86	.....	93·96
30	94 76	94 86	94·76	94·76	94·46	94·06	94·06	93·76	93·86	93·86	.....	93·86
31	.....	94·66	.....	94·66	94·36	.....	93·96	.....	93·86	93·76	.....	93·96

Elevations above M.S.L., of St. Lawrence River at Dumesnil's Point, for 1914–15.

TABLE No. 619.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	93·96	94·36	94·26	94·06	93·96	93·86	93·76	93·46	93·26	92·96	92·86	92·96
2	94·06	94·46	94·26	94·16	93·96	93·96	93·66	93·66	93·16	92·96	92·76	93·06
3	94·16	94·46	94·26	94·16	93·96	94·06	93·66	93·66	93·16	93·06	92·76	93·16
4	94·16	94·46	94·16	94·16	93·96	94·06	93·46	93·56	93·06	93·06	92·76	93·26
5	94·36	94·36	94·26	94·16	93·96	94·16	93·46	93·46	93·06	93·06	92·76	93·16
6	94·46	94·46	94·26	94·16	93·96	94·16	93·36	93·56	92·96	93·16	92·96	93·16
7	94·56	94·46	94·26	94·16	93·86	94·16	93·36	93·46	92·86	93·36	92·86	93·16
8	94·46	94·36	94·16	94·06	93·86	94·26	93·36	93·46	92·86	93·26	92·76	93·26
9	94·36	94·26	94·16	94·06	93·86	94·26	93·36	93·56	92·76	93·16	92·66	93·26
10	94·46	94·26	94·26	94·16	93·96	94·16	93·36	93·36	92·76	93·06	92·66	93·36
11	94·46	94·16	94·26	94·16	93·96	94·06	93·46	93·36	92·86	92·96	92·76	93·26
12	94·66	94·16	94·26	94·06	93·86	94·06	93·46	93·46	92·86	92·96	92·86	93·16
13	94·46	94·26	94·26	94·06	93·86	94·06	93·46	93·36	92·86	92·86	92·86	93·16
14	94·36	94·26	94·26	94·06	93·86	93·96	93·36	93·46	92·96	92·86	92·76	93·06
15	94·26	94·26	94·36	94·06	93·86	93·86	93·36	93·16	93·06	92·96	92·86	93·16
16	94·36	94·16	94·26	94·06	93·86	93·76	93·26	93·36	93·16	93·06	92·96	93·16
17	94·36	94·26	94·26	94·06	93·76	93·76	93·26	93·46	93·16	93·16	92·96	93·16
18	94·56	94·26	94·16	94·16	93·86	93·76	93·46	93·36	93·26	93·16	92·86	93·06
19	94·46	94·16	94·16	94·16	93·86	93·66	93·56	93·26	93·26	93·26	92·96	93·16
20	94·36	94·26	94·16	94·06	93·76	93·76	93·56	93·36	93·26	93·16	92·96	93·16
21	94·36	94·16	94·26	94·06	93·86	93·76	93·66	93·46	93·26	93·16	92·76	93·06
22	94·56	94·16	94·26	94·06	93·86	93·86	93·56	93·66	93·36	93·06	92·76	93·06
23	94·36	94·26	94·16	94·16	93·96	93·86	93·46	93·76	93·16	92·96	92·76	93·16
24	94·26	94·16	94·06	94·06	93·86	93·76	93·46	93·66	93·06	92·96	92·86	93·26
25	94·26	94·16	94·06	94·06	93·96	93·76	93·36	93·66	93·06	92·86	93·06	93·16
26	94·36	94·06	94·06	94·06	93·86	93·76	93·46	93·76	93·06	92·96	93·06	93·26
27	94·36	94·16	94·06	93·96	93·76	93·66	93·46	93·66	93·16	92·86	92·96	93·26
28	94·46	94·16	94·16	94·06	93·76	93·66	93·56	93·36	93·16	92·96	92·96	93·36
29	94·36	94·06	94·06	93·96	93·76	93·76	93·46	93·16	93·06	92·96	.....	93·36
30	94·36	94·16	94·06	93·96	93·76	93·66	93·56	93·16	93·16	92·96	.....	93·46
31	.....	94·16	.....	93·96	93·86	.....	93·46	.....	93·06	92·86	.....	93·36

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1903.

TABLE No. 620.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·2	71·5
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·2	71·7
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·2	71·7
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·2	71·9
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·2	71·7
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·2	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·5	71·6
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·9	71·7
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·7	71·8
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·8	72·0
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·8	72·1
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·9	72·2
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·1	72·2
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·5	72·2
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·7	72·2
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·7	72·2
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·7	72·2
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72·6
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·2	72·7
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·0	72·8
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·9	72·8
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70·7	72·7
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72·1
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71·7
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1903–04.

TABLE No. 621.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·5	70·8	70·2	70·7	69·7	69·2	68·8	69·0	67·9	69·1	72·5	72·8
2	71·2	70·8	70·2	70·7	.....	69·2	68·8	69·0	67·8	69·1	72·8	73·7
3	71·1	.....	70·2	70·9	69·7	69·2	68·7	69·0	67·8	.....	76·1	73·2
4	71·1	70·7	70·2	70·8	69·7	69·2	.....	69·0	67·7	69·0	76·7	73·7
5	.....	70·7	70·2	.....	69·7	69·2	68·7	68·9	67·7	69·0	75·9	74·1
6	71·2	70·7	70·1	70·8	69·7	.....	68·7	68·8	.....	69·0	77·1	.....
7	71·2	70·7	.....	70·7	69·7	69·2	68·7	68·7	67·8	69·0	.....	74·7
8	71·5	70·7	70·0	70·7	69·7	69·2	68·7	68·7	67·8	69·7	80·7	74·1
9	71·7	70·7	70·0	70·5	.....	69·2	68·7	.....	67·8	70·1	81·8	73·7
10	71·7	.....	69·9	70·2	69·7	69·1	68·8	68·7	67·7	.....	83·2	73·5
11	71·6	70·8	69·9	70·2	69·7	69·1	.....	68·6	67·7	69·9	81·8	72·9
12	.....	70·8	69·9	.....	69·7	69·1	69·1	68·6	67·7	70·0	80·5	72·6
13	71·2	70·8	69·9	70·1	69·7	.....	69·2	68·5	.....	70·2	78·7	.....
14	71·1	70·8	.....	70·0	69·7	69·1	69·1	68·2	67·9	70·2	.....	72·8
15	71·0	70·8	70·0	69·9	69·7	69·1	69·2	68·2	68·2	70·2	77·5	73·5
16	70·9	70·8	70·0	69·8	.....	69·0	69·2	.....	68·7	70·2	78·1	74·2
17	70·8	.....	70·1	69·8	69·6	69·0	69·2	68·2	68·5	.....	79·7	74·2
18	70·8	70·8	70·1	69·8	69·6	69·0	.....	68·2	68·7	70·0	81·7	74·0
19	.....	70·7	70·2	.....	69·6	69·0	69·2	68·2	69·0	69·9	78·9	73·7
20	70·9	70·7	70·2	69·7	69·6	.....	69·2	68·1	.....	69·8	78·1	.....
21	70·9	70·7	.....	69·7	69·6	68·9	69·2	68·1	69·5	69·8	.....	73·8
22	70·9	70·7	70·2	69·7	69·6	68·9	69·2	68·1	69·6	71·7	76·0	76·9
23	70·9	70·7	70·2	69·7	.....	68·9	69·5	.....	69·7	70·7	72·2	74·2
24	70·9	.....	70·5	69·7	69·5	68·9	69·5	68·0	69·7	.....	72·0	73·8
25	70·9	70·7	70·6	69·7	69·5	68·9	.....	68·0	69·6	70·2	72·7	74·0
26	.....	70·7	70·7	.....	69·5	68·9	69·2	68·0	.....	70·1	71·9	74·2
27	70·8	70·6	70·7	69·7	69·5	.....	69·2	68·0	69·2	71·8	73·7	.....
28	70·8	70·6	.....	69·7	69·5	68·8	69·2	67·9	69·2	72·2	.....	74·2
29	70·8	70·5	70·6	69·7	69·5	68·8	69·2	67·9	69·2	71·8	72·1	74·5
30	70·8	.....	70·6	69·7	.....	68·8	69·2	67·9	69·2	71·7	.....	74·6
31	.....	.....	.....	69·7	69·2	.....	69·1	.....	.....	.....	.....	74·7

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1904–05.

TABLE No. 622.

1	74·9	.....	72·7	71·2	70·2	69·9	69·7	70·0	68·8	.....	72·1	75·7
2	75·1	72·2	72·7	71·2	70·2	69·9	.....	69·9	68·7	69·2	72·5	75·5
3	.....	72·6	72·8	.....	70·1	69·8	69·8	69·9	68·7	69·5	77·7	75·2
4	75·8	72·7	73·0	71·1	70·1	.....	69·8	69·8	.....	70·2	72·6	75·2
5	76·1	72·9	.....	71·1	70·0	69·8	69·8	69·7	68·7	70·1	.....	.....
6	76·2	73·0	73·2	71·1	70·0	69·8	69·8	.....	68·8	69·9	74·7	75·1
7	76·2	73·1	73·5	71·0	.....	69·7	69·8	69·7	68·8	69·8	74·5	75·1
8	76·1	.....	73·5	71·0	69·9	69·7	69·8	69·7	68·9	.....	73·7	75·0
9	76·0	73·2	73·5	71·0	69·9	69·7	.....	69·6	69·0	69·6	74·1	74·9
10	.....	73·5	73·2	.....	69·8	69·7	69·9	69·6	69·2	70·2	74·0	74·8
11	75·9	73·5	73·2	70·9	69·8	.....	69·9	69·5	.....	72·5	73·8	74·7
12	75·7	73·5	.....	70·9	69·8	69·7	69·9	69·5	69·6	72·7	.....	.....
13	75·2	73·2	73·2	70·9	69·8	69·7	69·9	.....	69·7	71·0	75·7	75·1
14	75·0	73·2	73·2	70·8	.....	69·7	69·9	69·2	69·9	70·7	75·7	75·0
15	74·7	.....	73·1	70·8	69·7	69·7	69·9	69·2	70·1	.....	75·6	74·9
16	74·2	73·2	73·0	70·8	69·7	69·6	.....	69·2	70·2	70·6	76·1	74·8
17	.....	73·1	72·9	.....	69·7	69·6	70·0	69·2	70·2	70·7	75·6	74·7
18	73·2	73·0	72·7	70·7	69·7	.....	70·0	69·1	.....	70·8	76·0	74·6
19	72·8	72·9	.....	70·7	69·7	69·6	70·0	69·1	70·2	70·9	.....	.....
20	72·5	72·9	72·5	70·7	69·7	69·5	70·0	.....	70·2	71·1	77·1	74·2
21	72·1	72·9	72·2	70·7	.....	69·5	70·0	69·0	70·5	71·2	76·6	74·1
22	71·7	.....	72·1	70·7	69·8	69·5	70·0	69·0	70·5	.....	76·2	73·9
23	71·5	72·9	72·0	70·6	69·8	69·5	.....	69·0	70·5	71·5	76·2	73·7
24	.....	72·8	71·8	.....	69·8	69·6	70·1	68·9	70·5	71·7	76·2	73·6
25	71·5	72·8	71·7	70·5	69·8	.....	70·1	68·9	.....	71·5	76·2	73·5
26	71·5	72·8	.....	70·5	69·8	69·6	70·1	68·9	69·9	71·2	.....	.....
27	71·5	72·8	71·7	70·2	69·8	69·7	70·1	.....	69·6	71·6	76·1	73·2
28	71·6	72·7	71·6	70·2	.....	69·7	70·1	68·8	70·2	71·7	76·0	73·2
29	71·7	.....	71·5	70·2	69·8	69·7	70·1	68·8	69·9	.....	.....	73·1
30	71·9	72·7	71·2	70·2	69·8	69·7	.....	68·8	69·7	72·1	.....	73·5
31	.....	72·7	.....	.....	69·8	.....	70·1	.....	69·8	72·0	.....	73·7

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1905–06.

TABLE No. 623.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1										68·9	69·8	70·3
2										68·9	69·8	70·3
3										69·0	70·0	70·0
4										69·0	70·2	70·0
5										69·0	70·0	70·0
8										69·0	70·0	69·9
7										69·0	70·0	69·9
8										69·3	70·0	69·8
9										70·4	70·1	69·8
10										70·7	70·1	69·7
11										71·0	70·3	69·7
12										71·1	70·7	69·7
13										71·1	70·7	69·7
14										71·1	70·7	69·9
15										71·1	70·7	70·1
16										70·7	70·5	70·1
17										70·7	70·2	70·2
18										70·7	70·2	70·2
19										70·3	70·2	70·1
20										70·1	70·2	70·1
21										69·8	70·1	70·1
22										69·7	70·1	70·3
23										69·8	70·1	70·3
24										70·2	70·1	70·5
25										70·2	70·1	70·5
26										70·4	69·9	70·2
27										70·4	69·9	70·2
28										70·4	70·3	70·2
29										70·4		70·2
30										70·2		70·5
31										69·9		70·2

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1906–07.

TABLE No. 624.

1		70·2	70·2		68·9	68·5	68·1	68·2	68·2	70·7	71·2	76·5
2	70·2	70·2	70·2	69·8	68·9		68·1	68·2		70·7	71·2	77·5
3	70·0	70·1		69·7	68·9	68·5	68·1	68·2	68·2	70·8		
4	70·0	70·0	70·1	69·7	68·9	68·5	68·1		68·2	71·1	74·1	77·0
5	69·9	70·0	70·1	68·7		68·5	68·1	68·2	68·3	70·7	74·3	76·5
6	69·7		70·2	69·6	68·9	68·2	68·1	68·2	68·5		74·5	75·5
7	69·7	70·1	70·2	69·5	68·9	68·2		68·2	68·7	70·7	75·3	75·3
8		70·2	70·7		68·9	68·2	68·2	68·2	68·8	70·7	73·5	75·2
9	69·7	70·2	70·7	69·2	68·8		68·2	68·2		70·9	73·5	75·2
10	69·7	70·2	70·9	69·2	68·8	68·2	68·2	68·2	69·0	71·3		
11	69·7	70·5		69·2	68·8	68·2	68·2		69·3	71·7	73·3	74·8
12	69·8	70·6	70·8	69·2		68·2	68·2	68·2	69·7	71·7	74·5	74·7
13	89·8		70·7	69·2	68·8	68·2	68·2	68·2	70·0		74·5	74·5
14	69·8	70·7	70·7	69·2	68·7	68·2		68·2	70·2	71·5	74·7	73·7
15		70·8	70·7		68·7	68·2	68·2	68·2	70·2	71·5	75·5	74·3
16	70·0	70·8	70·6	69·1	68·7		68·2	68·1		71·3	75·3	74·3
17	69·8	70·9	70·6	69·1	68·7	68·2	65·2	68·1	70·7	71·0		
18	69·8	70·9		69·1	68·7	68·2	68·2		71·0	70·9	74·0	74·0
19	69·8	70·9	70·5	69·1		68·2	68·2	68·1	71·1	70·7	73·8	73·5
20	69·8		70·2	69·1	68·7	68·2	68·2	68·2	71·1		73·5	73·5
21	69·9	70·8	70·2	69·1	68·7	68·1		68·2	71·0	71·2	75·7	73·3
22		70·8	70·2		68·7	68·1	68·2	68·2	71·0	71·2	75·2	73·2
23	69·9	70·7	70·2	69·0	68·7		68·2	68·2		71·2	76·3	73·2
24	70·0	70·7	70·2	69·0	68·7	68·1	68·2	68·2	71·0	71·1		
25	70·1	70·7		68·0	68·6	68·1	68·2		71·0	71·1	77·2	73·2
26	70·2	70·7	70·2	69·0		68·1	68·2	68·5	70·9	71·0	76·9	73·3
27	70·2		70·2	68·9	68·6	68·1	68·5	68·5	70·9		76·9	73·3
28	70·2	70·6	70·2	68·9	68·6	68·1		68·5	70·9	70·7	76·7	73·2
29		70·5	70·1		68·6	68·1	68·5	68·2	70·8	70·7		73·2
30	70·2	70·5	70·1	68·9	68·5		68·5	68·2		70·9		73·3
31		70·2		68·9	68·5		68·5		70·7	71·0		

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1907–08.

TABLE No. 625.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec..	Jan.	Feb.	March.
1	74·7	70·9	71·6	70·7	69·8	.....	69·1	69·2	.....	69·9	70·5	.....
2	73·7	71·1	.....	70·7	69·8	69·0	69·1	69·0	69·0	69·8	.....	73·7
3	74·0	71·5	71·5	70·7	69·7	69·0	69·2	.....	68·9	69·8	70·8	74·5
4	73·7	71·5	71·5	70·7	.....	69·0	69·2	69·1	68·9	69·8	71·2	74·2
5	73·5	.....	71·5	70·6	69·7	69·0	69·2	69·1	68·8	.....	70·9	74·0
6	73·0	71·6	71·5	70·6	69·7	68·9	.....	69·2	68·8	69·9	72·1	73·7
7	.....	71·6	71·5	.....	69·7	68·9	69·2	69·6	68·9	70·2	72·2	73·2
8	72·5	71·7	71·5	70·6	69·7	.....	69·2	69·9	.....	70·6	72·7	.....
9	72·5	71·5	.....	70·5	69·7	68·9	69·2	70·2	69·0	70·2	.....	73·1
10	72·0	71·2	71·2	70·5	69·6	68·9	69·2	.....	69·1	70·1	72·8	72·9
11	71·8	71·2	71·2	70·5	.....	68·9	69·2	70·7	69·5	70·1	72·7	73·2
12	71·7	.....	71·2	70·2	69·6	69·0	69·2	70·9	69·5	.....	72·2	73·1
13	72·0	71·1	71·2	70·2	69·6	69·0	.....	71·0	69·5	70·2	72·0	72·9
14	.....	71·1	71·2	.....	69·5	69·0	69·2	70·8	69·5	70·8	71·8	72·7
15	71·5	71·1	71·2	70·2	69·5	.....	69·2	70·7	.....	71·5	71·5	.....
16	71·5	71·0	.....	70·2	69·5	69·0	69·2	70·5	69·2	71·8	.....	72·2
17	71·3	71·0	71·1	70·1	69·2	68·9	69·2	.....	69·2	72·5	71·9	71·7
18	71·0	71·1	71·1	70·0	.....	68·9	69·2	69·9	69·2	72·2	72·2	71·9
19	70·7	.....	71·1	70·0	69·2	68·9	69·2	69·7	69·2	.....	73·0	72·0
20	70·7	71·2	71·0	70·0	69·2	68·9	.....	69·7	69·2	71·0	73·6	72·2
21	.....	71·5	71·0	.....	69·2	68·9	69·2	69·6	69·2	71·2	73·1	72·2
22	70·5	71·6	70·9	69·9	69·2	.....	69·1	69·5	.....	71·0	72·6	.....
23	70·3	71·7	.....	69·9	69·2	69·0	69·1	69·2	69·2	70·7	.....	72·5
24	70·3	71·7	70·8	69·9	69·1	69·0	69·1	.....	69·5	70·2	73·0	72·6
25	70·4	71·8	70·7	69·9	.....	69·0	69·1	69·2	69·5	70·9	72·9	72·6
26	70·4	.....	70·7	69·9	69·1	69·1	69·1	69·2	69·5	.....	72·8	72·5
27	70·5	71·8	70·7	69·9	69·1	69·1	.....	69·1	69·5	70·0	72·8	72·5
28	.....	71·8	70·7	.....	69·1	69·1	69·0	69·1	69·6	69·8	72·9	72·5
29	70·5	71·7	70·7	69·9	69·1	.....	69·0	69·1	.....	70·1	73·0	.....
30	70·5	71·7	.....	69·9	69·0	69·1	69·0	69·1	69·9	70·7	.....	72·7
31	.....	71·7	.....	69·9	69·0	.....	69·0	.....	69·9	70·5	.....	72·7

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1908-09.

TABLE No. 626.

1	72·7	72·7	73·7	71·2	70·2	69·7	68·7	.....	68·0	70·7	71·2	73·1
2	72·7	73·1	73·7	71·2	.....	69·7	68·7	68·2	68·0	70·6	71·2	73·1
3	72·8	.....	73·7	71·1	70·2	69·7	68·7	68·2	68·1	.....	71·7	73·2
4	72·8	73·8	73·7	71·0	70·1	69·7	.....	68·2	68·1	69·7	72·1	73·2
5	.....	73·9	73·6	.....	70·1	69·6	68·7	68·2	68·1	69·9	72·1	73·6
6	72·6	73·9	73·6	70·9	70·1	.....	68·7	68·2	.....	70·0	72·0	73·8
7	72·6	73·9	.....	70·9	70·1	69·6	68·6	68·2	68·1	70·0	.....	.....
8	72·7	74·0	73·5	70·9	70·1	69·6	68·6	.....	68·1	70·0	71·5	73·7
9	73·1	74·1	73·2	70·9	.....	69·5	68·6	68·2	68·1	70·0	71·2	73·2
10	72·9	.....	73·2	70·9	70·0	69·5	68·6	68·1	68·2	.....	71·2	72·8
11	73·1	74·7	73·1	70·9	70·0	69·5	.....	68·1	68·2	70·2	71·7	73·0
12	.....	74·8	72·9	.....	70·0	69·5	68·6	68·1	68·2	70·1	71·9	72·9
13	73·2	74·7	72·7	70·8	69·9	.....	68·6	68·1	.....	69·9	71·9	72·7
14	73·1	74·7	.....	70·8	69·9	69·2	68·6	68·1	68·1	69·5	.....	.....
15	72·9	74·7	72·5	70·7	69·9	69·2	68·5	.....	68·0	69·6	72·2	72·5
16	72·7	74·7	72·5	70·7	.....	69·2	68·5	68·1	68·0	69·7	72·5	72·2
17	72·6	.....	72·2	70·7	69·8	69·2	68·5	68·1	68·6	.....	73·5	71·8
18	72·2	74·7	72·2	70·7	69·8	69·2	.....	68·1	68·0	70·7	73·2	71·7
19	.....	74·7	72·1	.....	69·8	69·2	68·5	68·1	67·9	70·7	73·1	71·6
20	72·1	74·7	72·0	70·7	69·8	.....	68·5	68·0	.....	69·9	73·0	71·5
21	72·1	74·6	.....	70·7	69·8	69·1	68·2	68·0	67·9	70·5	.....	.....
22	72·0	74·2	71·9	70·7	69·8	69·1	68·2	.....	68·2	70·5	71·8	71·2
23	71·9	74·1	71·8	70·7	.....	69·0	68·2	68·0	68·7	69·8	71·7	71·0
24	71·8	.....	71·8	70·7	69·7	69·0	68·2	68·0	68·9	.....	71·6	70·8
25	71·7	74·1	71·7	70·7	69·7	68·9	.....	67·9	69·5	70·1	71·5	70·9
26	.....	74·1	71·7	.....	69·7	68·9	68·2	67·9	70·2	70·0	71·2	70·8
27	71·8	74·0	71·7	70·6	69·7	.....	68·2	67·9	.....	70·2	71·2	70·8
28	71·9	73·9	.....	70·5	69·7	68·8	68·2	68·0	70·0	70·5	.....	.....
29	72·1	73·8	71·6	70·5	69·7	68·8	68·2	.....	70·2	70·7	.....	70·8
30	72·5	73·7	71·5	70·2	.....	68·8	68·5	68·0	70·6	70·9	.....	70·9
31	.....	.....	.....	70·2	69·7	.....	68·5	.....	70·7	.....	.....	70·9

ELEVATIONS above M.S.L., of St. Lawrence River at Cascades Point, for 1909-10.

TABLE No. 627.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·0	71·9	74·2	70·7	.....	69·2	68·8	68·2	68·2	69·9	69·9	70·2
2	71·2	.....	74·1	70·6	69·9	69·2	68·8	68·2	68·2	.....	69·9	70·2
3	71·2	72·5	74·0	70·6	69·9	69·2	.....	68·2	68·2	69·9	69·8	70·2
4	.....	72·9	73·8	.....	69·9	69·2	68·8	68·2	68·2	70·1	69·7	70·7
5	71·5	72·8	73·7	70·5	69·9	.....	68·8	68·2	.....	70·2	69·7	70·7
6	71·8	72·8	.....	70·5	69·9	69·2	68·8	68·2	68·2	70·0	.....	.....
7	72·2	72·8	73·2	70·5	69·8	69·2	68·7	.....	68·2	69·8	70·0	70·1
8	72·7	72·8	73·0	70·5	.....	69·2	68·7	68·2	68·2	69·7	70·2	70·5
9	73·2	.....	72·7	70·2	69·8	69·1	68·7	68·2	68·5	.....	70·2	70·7
10	73·2	72·9	72·6	70·2	69·8	69·1	.....	68·2	68·5	69·8	70·2	70·6
11	.....	73·1	72·5	.....	69·8	69·1	68·7	68·2	68·5	69·9	70·1	70·5
12	72·1	73·2	72·2	70·2	69·8	.....	68·7	68·2	.....	69·9	69·9	70·2
13	71·6	73·2	.....	70·2	69·7	69·1	68·7	68·2	68·6	69·9	.....	.....
14	71·7	73·5	72·1	70·2	69·7	69·0	68·7	.....	68·6	69·7	69·7	70·1
15	71·8	73·6	72·0	70·2	.....	69·0	68·7	68·2	68·6	69·7	69·6	70·0
16	71·9	.....	71·8	70·2	69·7	69·0	68·7	68·2	68·6	.....	69·5	69·9
17	71·9	73·7	71·7	70·1	69·7	69·0	.....	68·2	68·6	69·7	69·5	69·8
18	.....	73·7	71·5	.....	69·7	68·9	68·6	68·2	68·6	69·8	70·0	69·9
19	72·0	73·8	71·2	70·1	69·7	.....	68·6	68·2	.....	69·7	70·2	69·9
20	72·0	73·8	.....	70·1	69·6	68·9	68·6	68·2	68·7	69·5	.....	.....
21	72·0	73·9	71·2	70·1	69·6	68·9	68·6	.....	68·6	69·2	70·0	70·1
22	72·0	73·9	71·1	70·1	.....	68·8	68·6	68·2	68·6	69·2	69·8	70·2
23	71·9	.....	71·0	70·0	69·5	68·8	68·6	68·2	68·6	.....	69·8	70·2
24	71·9	74·0	70·9	70·0	69·5	68·8	.....	68·2	68·5	69·2	69·7	70·1
25	.....	74·1	70·8	.....	69·5	68·8	68·5	68·2	68·5	69·2	69·8	70·2
26	71·8	74·1	70·8	70·0	69·2	.....	68·5	68·2	.....	69·2	70·2	70·2
27	71·8	74·0	.....	70·0	69·2	68·8	68·5	68·2	68·7	69·2	.....	.....
28	71·8	74·0	70·7	69·9	69·2	68·8	68·5	.....	68·9	69·5	70·0	70·1
29	71·8	74·1	70·7	69·9	.....	68·8	68·5	68·5	69·2	69·5	.....	70·0
30	71·8	.....	70·7	69·9	69·2	68·8	68·2	68·5	69·5	.....	.....	69·9
31	.....	74·5	.....	69·9	69·2	.....	.....	.....	69·7	70·0	.....	69·9

ELEVATIONS above M.S.L., of St. Lawrence River at Cascades Point, for 1910-11.

TABLE No. 628

1	70·0	.....	69·9	69·6	68·8	68·6	68·2	68·2	67·9	69·5	72·6	76·8
2	70·1	70·7	69·9	69·5	68·8	68·6	.....	68·2	67·9	69·5	73·0	76·7
3	.....	70·8	70·0	.....	68·8	68·6	68·1	68·2	67·9	69·5	76·2	76·5
4	70·2	70·8	70·0	69·5	68·9	.....	68·1	68·2	.....	69·6	77·1	76·2
5	70·2	70·9	.....	69·2	68·9	68·6	68·1	68·2	67·9	69·6	79·2	76·0
6	70·5	70·9	70·1	69·2	68·9	68·5	68·1	68·2	67·9	69·7	77·2	75·8
7	70·5	71·0	70·1	69·2	.....	68·5	68·1	.....	67·9	69·8	79·0	75·7
8	70·5	.....	70·1	69·2	68·9	68·5	68·1	68·2	68·0	69·9	80·7	75·6
9	70·5	71·0	70·1	69·2	68·8	68·5	.....	68·2	68·1	70·1	78·9	75·5
10	.....	70·9	70·2	.....	68·8	68·5	68·1	68·2	68·2	70·2	77·7	75·2
11	70·5	70·9	70·2	69·1	68·8	.....	68·1	68·2	.....	70·5	76·5	75·2
12	70·5	70·8	.....	69·1	68·8	68·5	68·1	68·2	68·5	70·6	76·7	75·1
13	70·2	70·7	70·2	69·1	68·8	68·5	68·0	68·2	68·7	70·7	76·2	75·1
14	70·2	70·7	70·2	69·1	.....	68·5	68·0	.....	69·1	71·1	76·2	75·0
15	70·2	.....	70·2	69·1	68·7	68·5	68·0	68·2	69·7	70·9	76·6	75·0
16	70·2	70·5	70·1	69·1	68·7	68·2	.....	68·1	69·9	70·8	76·7	75·0
17	.....	70·2	70·1	.....	68·7	68·2	68·1	68·1	70·0	70·8	76·2	74·9
18	70·2	70·2	70·1	69·0	68·7	.....	68·1	68·1	.....	70·9	76·5	74·9
19	70·2	70·1	.....	69·0	68·7	68·2	68·1	68·1	70·1	71·2	76·7	74·9
20	70·2	70·1	70·0	69·0	68·7	68·2	68·1	68·1	70·1	71·0	77·2	74·8
21	70·2	70·0	70·0	69·0	.....	68·2	68·1	.....	70·0	71·0	76·8	74·8
22	70·2	.....	69·9	69·0	68·7	68·2	68·2	68·1	69·7	70·9	77·9	74·7
23	70·2	70·0	69·9	68·9	68·7	68·2	.....	68·1	69·9	70·7	78·2	74·6
24	.....	70·0	69·8	.....	68·7	68·2	68·2	68·0	70·1	70·6	78·0	74·5
25	70·5	69·9	69·8	68·9	68·7	.....	68·2	68·0	.....	70·5	77·6	74·2
26	70·5	69·9	.....	68·9	68·7	68·2	68·2	68·0	70·5	70·6	77·2	74·2
27	70·6	69·9	69·7	68·9	68·6	68·2	68·2	68·0	70·2	70·7	77·1	74·1
28	70·6	69·9	69·7	68·8	.....	68·2	68·2	.....	70·1	70·8	76·9	74·2
29	70·7	.....	69·7	68·8	68·6	68·2	68·2	68·0	69·9	70·6	.....	74·2
30	70·7	69·8	69·6	68·8	68·6	68·2	.....	68·0	69·7	71·5	.....	74·2
31	.....	69·8	.....	.....	68·6	.....	68·2	68·0	69·5	72·2	.....	74·2

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Cascades Point, for 1911–12.

TABLE No. 629.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	74·2	70·2	70·2	69·2	68·2	67·7	67·2	67·6	67·8	68·6	.....	74·7
2	74·2	70·6	70·2	69·2	68·2	67·7	67·2	67·6	67·8	68·7	.....	74·6
3	74·2	70·7	70·2	69·2	68·2	67·7	67·2	67·6	67·8	68·8	.....	75·4
4	74·2	70·8	70·2	69·2	68·2	67·7	67·2	67·6	67·8	68·9	70·0	75·7
5	74·1	70·9	70·1	69·1	68·2	67·7	67·2	67·6	67·9	69·0	71·4	75·7
6	74·0	71·0	70·1	69·1	68·2	67·7	67·2	67·6	67·9	69·2	71·0	75·7
7	74·0	71·1	70·1	69·0	68·2	67·6	67·2	67·6	67·9	69·7	71·2	75·3
8	74·0	71·2	70·1	69·0	68·2	67·6	67·2	67·7	68·0	69·9	71·2	75·2
9	74·1	71·2	70·0	68·9	68·2	67·6	67·2	67·7	68·0	70·1	71·4	75·0
10	74·1	71·2	70·0	68·9	68·1	67·6	67·2	67·7	68·0	70·2	72·6	74·8
11	74·2	71·2	70·0	68·8	68·1	67·6	67·2	67·7	68·1	70·2	74·8	74·8
12	74·2	71·2	70·0	68·8	68·1	67·6	67·2	67·7	68·1	70·0	74·1	74·7
13	74·6	71·2	69·9	68·7	68·1	67·6	67·2	67·7	68·2	69·8	73·9	74·2
14	74·7	71·1	69·9	68·7	68·0	67·6	67·2	67·7	68·5	69·7	74·0	73·7
15	74·7	71·0	69·9	68·7	68·0	67·5	67·2	67·7	68·5	69·5	73·9	74·1
16	74·8	70·9	69·8	68·7	68·0	67·5	67·2	67·7	68·6	69·2	73·7	74·0
17	74·7	70·9	69·8	68·7	68·0	67·5	67·2	67·7	68·6	69·2	73·3	73·8
18	73·9	70·8	69·8	68·7	67·9	67·5	67·2	67·7	68·6	69·2	72·9	73·4
19	73·2	70·8	69·8	68·7	67·9	67·5	67·2	67·7	68·6	69·5	72·3	73·1
20	72·7	70·8	69·7	68·6	67·9	67·5	67·2	67·7	68·6	69·5	71·9	72·8
21	72·0	70·7	69·7	68·6	67·9	67·5	67·2	67·7	68·6	69·6	71·9	73·0
22	71·6	70·7	69·7	68·6	67·8	67·5	67·2	67·7	68·6	69·6	73·2	73·4
23	70·7	70·7	69·7	68·6	67·8	67·2	67·2	67·7	68·5	69·7	74·3	73·7
24	70·0	70·7	69·7	68·6	67·8	67·2	67·5	67·7	68·5	69·7	74·0	73·2
25	70·0	70·6	69·7	68·5	67·8	67·2	67·5	67·7	68·5	69·9	74·0	73·0
26	69·9	70·6	69·7	68·5	67·7	67·2	67·5	67·7	68·5	70·2	74·0	72·9
27	69·9	70·5	69·6	68·5	67·7	67·2	67·5	67·7	68·5	70·7	75·2	72·8
28	70·0	70·5	69·6	68·5	67·7	67·2	67·5	67·8	68·5	70·6	75·8	72·3
29	70·1	70·2	69·5	68·2	67·7	67·2	67·5	67·8	68·5	70·5	75·0	72·0
30	70·1	70·2	69·5	68·2	67·7	67·2	67·5	67·8	68·5	70·2	.....	71·7
31	....	70·2	....	68·2	67·7	...	67·5	....	68·5	70·0	.....	72·0

Elevations above M.S.L. of St. Lawrence River at Cascades Point, for 1912–13.

TABLE No. 630.

1	71·9	71·5	73·8	70·5	69·6	69·0	69·0	69·5	69·7	69·9	71·6	72·8
2	71·9	71·1	73·6	70·5	69·6	69·0	69·0	69·5	69·7	70·0	71·6	72·8
3	71·7	71·0	73·2	70·2	69·6	69·0	69·0	69·2	69·7	70·0	71·7	72·8
4	71·6	70·9	72·7	70·2	69·6	69·0	69·0	69·5	69·9	70·0	71·7	72·8
5	71·5	70·9	72·7	70·2	69·5	69·0	69·0	69·5	70·0	70·1	71·8	72·9
6	71·5	70·9	72·7	70·1	69·5	69·1	69·0	69·5	70·0	70·2	71·8	73·7
7	71·6	70·9	72·5	70·0	69·5	69·1	69·0	69·6	70·2	70·2	71·8	73·9
8	72·9	71·0	72·5	70·0	69·5	69·1	68·9	69·7	70·2	70·4	71·7	73·9
9	73·9	71·0	72·2	69·9	69·5	69·1	68·9	69·7	70·2	71·9	71·7	73·9
10	73·7	71·0	72·2	69·8	69·5	69·1	68·9	70·7	70·2	72·0	71·7	73·7
11	73·5	71·0	72·1	69·8	69·5	69·2	68·8	70·7	70·2	72·2	71·5	73·7
12	73·5	70·9	72·0	69·7	69·5	69·2	68·7	70·6	70·2	72·2	71·5	72·7
13	73·2	71·0	71·9	69·7	69·5	69·1	68·7	70·5	70·0	72·0	71·5	72·6
14	73·0	71·0	71·7	69·7	69·5	69·1	68·7	70·2	69·8	71·7	72·2	72·6
15	73·0	71·1	71·7	69·7	69·5	69·1	68·7	70·6	69·7	71·5	72·3	72·5
16	72·9	71·1	71·5	69·7	69·2	69·0	68·7	70·6	69·7	71·2	72·5	72·5
17	73·0	71·2	71·5	69·7	69·2	69·0	68·7	70·2	69·7	71·2	72·5	72·2
18	73·1	71·5	71·4	69·7	69·2	69·0	68·7	70·2	69·6	71·5	72·7	72·2
19	73·3	71·6	71·2	69·7	69·2	69·6	68·7	70·2	69·7	72·0	72·8	72·5
20	73·1	71·7	71·0	69·6	69·2	69·0	68·7	70·0	69·8	72·1	72·8	72·6
21	72·7	71·8	71·1	69·6	69·2	69·0	68·8	70·0	69·8	72·1	72·8	72·6
22	72·0	71·9	70·8	69·6	69·2	69·0	68·8	69·9	69·7	72·2	72·8	72·7
23	73·5	72·0	71·0	69·5	69·1	69·0	68·8	69·8	69·7	72·2	72·7	73·5
24	72·1	72·0	71·0	69·7	69·1	69·0	68·8	69·8	69·8	72·2	72·7	73·5
25	72·1	72·2	71·0	69·6	69·1	69·0	68·9	69·8	69·8	72·2	72·7	73·7
26	72·1	72·5	70·9	69·6	69·1	69·0	69·0	69·7	69·7	71·5	72·7	73·7
27	71·9	72·5	70·8	69·6	69·1	69·1	69·2	69·7	69·7	71·5	72·7	73·7
28	71·8	72·5	70·8	69·6	69·1	69·0	69·5	69·7	69·7	71·5	72·7	73·7
29	73·2	72·7	70·7	69·6	69·1	69·0	69·7	69·7	69·8	71·5	.....	73·8
30	71·9	73·2	70·5	69·6	69·1	69·0	69·2	69·7	69·9	71·5	.....	73·9
31	.....	73·7	.....	69·5	69·1	.....	69·5	.....	69·8	71·5	.....	73·9

ELEVATIONS above M.S.L. of St. Lawrence River at Cascades Point, for 1913–14.

TABLE No. 631.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	73·9	72·2	71·6	70·2	69·8	69·5	68·9	69·7	69·9	69·7	71·2	75·2
2	74·1	72·5	71·6	70·2	69·8	69·5	68·9	69·7	69·7	69·7	71·5	74·2
3	74·1	72·5	71·5	70·2	69·8	69·5	68·9	69·7	69·7	69·7	71·5	73·3
4	73·9	72·6	71·2	70·2	70·0	69·5	68·9	69·7	69·7	69·7	71·6	73·0
5	73·7	72·6	71·2	70·1	70·0	69·5	68·9	69·7	69·7	69·7	71·6	71·9
6	73·7	72·7	71·2	70·1	70·0	69·5	68·9	69·7	69·7	69·7	71·6	71·6
7	73·7	72·8	71·1	70·2	70·0	69·2	68·9	69·7	69·7	69·7	71·6	71·2
8	73·3	72·8	71·0	70·2	70·0	69·2	68·9	69·7	69·7	69·7	71·7	71·5
9	72·9	72·7	71·2	70·2	70·0	69·2	68·9	69·7	69·7	69·7	71·8	71·6
10	72·7	72·7	71·2	70·2	69·8	69·2	68·9	69·7	69·7	69·8	71·8	71·6
11	72·6	72·7	71·2	70·2	69·7	69·2	68·9	69·7	69·8	69·8	71·7	71·2
12	72·7	72·5	71·1	70·2	69·7	69·1	68·9	69·6	69·8	69·8	72·8	70·9
13	72·7	72·5	71·0	70·1	69·7	69·1	68·9	69·6	69·8	69·8	71·9	70·8
14	72·6	72·5	71·0	70·1	69·7	69·1	68·9	69·5	69·8	69·7	75·7	70·5
15	72·2	72·2	70·9	70·0	69·7	69·1	68·9	69·5	69·7	69·7	74·8	71·6
16	72·2	72·2	70·8	70·0	69·6	69·1	68·9	69·6	69·7	69·8	77·5	71·7
17	72·2	72·1	70·8	70·0	69·6	69·1	68·9	69·6	69·7	69·8	77·0	71·6
18	72·1	72·1	70·7	70·0	69·6	69·0	68·9	69·7	69·7	69·8	76·9	71·5
19	72·2	71·9	70·7	70·0	69·6	69·0	68·9	69·7	69·5	69·8	76·9	71·6
20	72·2	71·8	70·7	70·0	69·6	69·0	68·9	69·7	69·5	69·8	76·8	71·5
21	72·1	71·7	70·7	70·1	69·6	69·0	69·0	69·8	69·5	69·9	76·6	71·6
22	72·1	71·7	70·7	70·1	69·6	69·0	69·0	69·9	69·5	69·9	77·2	72·5
23	72·1	71·7	70·7	70·1	69·5	69·0	69·2	69·9	69·5	69·9	77·6	72·7
24	72·0	71·6	70·7	70·1	69·5	69·0	69·2	69·9	69·5	69·9	77·6	72·7
25	72·0	71·6	70·7	70·0	69·5	69·0	69·5	69·9	69·6	70·1	78·6	72·4
26	72·0	71·6	70·7	70·0	69·5	68·9	69·5	70·0	69·6	70·2	78·4	71·9
27	72·0	71·6	70·7	70·0	69·5	68·9	69·5	70·0	69·6	70·5	77·9	72·0
28	72·0	71·6	70·6	70·0	69·5	68·9	69·5	70·0	69·6	70·5	76·6	72·5
29	72·1	71·6	70·5	70·0	69·5	68·9	69·5	70·0	69·7	70·7	.....	72·5
30	72·2	71·7	70·2	70·0	69·5	68·9	69·7	69·9	69·7	71·0	.....	72·6
31	.....	71·7	.....	70·0	69·5	.....	69·7	.....	69·7	71·2	.....	72·7

ELEVATIONS above M.S.L. of St. Lawrence River at Cascades Point, for 1914–15.

TABLE No. 632.

1	72·5	71·0	70·0	69·7	69·0	69·0	68·2	67·9	68·0	69·2	70·1	69·7
2	72·5	71·0	69·9	69·7	69·0	69·0	68·2	68·0	68·0	69·2	70·5	70·2
3	72·4	71·0	69·9	69·6	69·0	69·0	68·2	68·0	68·0	69·2	72·5	70·1
4	72·5	70·9	69·9	69·6	69·0	69·0	68·2	68·0	68·1	69·5	70·6	70·4
5	72·5	70·9	69·8	69·6	68·9	69·0	68·2	68·0	68·1	69·2	70·2	70·4
6	72·2	70·8	69·7	69·6	68·9	68·9	68·2	68·0	68·1	69·5	70·0	70·1
7	72·0	70·7	69·7	69·6	68·9	68·8	68·2	68·0	68·1	69·2	69·9	68·7
8	71·5	70·7	69·7	69·5	68·9	68·8	68·2	68·0	68·1	68·7	69·8	68·5
9	71·5	70·7	69·7	69·5	68·9	68·8	68·2	68·0	68·1	68·9	69·7	68·8
10	71·5	70·7	69·7	69·5	68·9	68·8	68·2	68·0	68·1	69·5	69·7	69·0
11	71·5	70·7	69·8	69·5	68·9	68·7	68·2	68·0	68·1	69·5	69·8	69·0
12	71·5	70·7	69·7	69·5	68·9	68·7	68·2	68·0	68·1	69·2	69·9	69·2
13	71·5	70·7	69·7	69·5	68·9	68·6	68·2	68·0	68·1	69·0	69·6	69·2
14	71·5	70·7	69·7	69·5	68·9	68·6	68·1	68·0	68·3	68·9	69·2	69·0
15	71·2	70·8	69·7	69·5	68·9	68·6	68·1	68·0	68·6	69·0	69·2	69·0
16	71·0	70·8	69·7	69·4	68·9	68·6	68·0	68·0	68·7	69·1	69·2	69·0
17	70·8	70·7	69·6	69·2	68·9	68·6	68·0	68·1	68·7	69·0	69·1	68·7
18	70·7	70·7	69·6	69·2	68·9	68·5	68·0	68·2	68·7	68·7	69·1	68·7
19	70·7	70·7	69·6	69·2	68·9	68·5	68·0	68·2	68·8	68·6	69·1	68·7
20	70·7	70·6	69·6	69·2	68·9	68·5	68·0	68·2	68·8	68·5	69·0	68·6
21	71·0	70·6	69·5	69·2	68·9	68·5	68·0	68·2	68·8	68·5	69·0	69·0
22	70·9	70·4	69·6	69·2	68·9	68·5	68·0	68·2	68·8	68·6	68·9	69·2
23	70·9	70·2	69·6	69·2	68·9	68·5	68·0	68·2	68·8	68·9	68·9	69·5
24	70·9	70·2	69·6	69·2	68·9	68·2	68·0	68·2	68·7	69·3	68·8	69·7
25	70·8	70·2	69·5	69·2	68·8	68·2	68·0	68·2	68·5	69·6	68·9	69·8
26	70·7	70·7	69·5	69·2	68·8	68·2	68·0	68·2	68·5	69·6	68·9	70·0
27	70·7	70·5	69·5	69·1	68·8	68·2	68·0	68·2	68·5	69·7	69·0	70·2
28	70·8	70·2	69·5	69·1	68·7	68·2	68·0	68·2	68·7	69·8	69·3	69·8
29	70·9	70·2	69·5	69·1	68·7	68·2	67·9	68·2	68·8	70·0	.....	69·5
30	71·0	70·2	69·6	69·1	68·8	68·2	67·9	68·2	69·1	70·1	.....	69·5
31	.....	70·2	.....	69·0	68·9	.....	67·9	.....	69·0	70·1	.....	69·0

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock, No. 5, for 1870–71.

TABLE No. 633.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67·90	73·07	69·99	68·57	68·15	67·65	67·07	67·57	67·40	67·40	66·49	66·40
2	68·15	72·99	69·82	68·47	68·24	67·65	67·15	67·57	67·40	67·40	66·24	66·40
3	68·57	72·90	69·82	68·40	68·32	67·65	67·15	67·57	67·49	67·15	66·32	66·49
4	68·57	72·82	69·49	68·40	68·24	67·74	67·32	67·57	67·40	66·99	66·32	66·57
5	69·07	72·65	69·49	68·49	68·24	67·74	67·24	67·57	67·40	66·90	66·24	66·82
6	69·15	72·57	69·49	68·57	68·15	67·74	67·24	67·49	67·24	66·90	66·32	66·74
7	69·40	72·49	69·49	68·49	68·24	67·57	67·07	67·32	67·32	66·74	66·24	66·74
8	69·74	72·32	69·49	68·65	68·15	67·40	67·07	67·49	67·40	66·49	66·82	66·90
9	70·24	72·15	69·40	68·65	68·15	67·57	67·15	67·40	67·57	66·49	66·82	66·90
10	70·74	72·07	69·24	68·65	68·15	67·57	67·15	67·82	67·49	66·40	66·32	66·90
11	71·15	71·99	69·24	68·57	68·15	67·49	67·15	67·82	67·24	66·32	66·32	67·65
12	71·40	72·07	69·24	68·49	68·15	67·49	67·15	67·74	67·24	66·32	66·24	68·07
13	71·74	72·07	69·15	68·57	68·24	67·40	67·15	67·74	67·24	67·99	66·24	68·07
14	71·99	71·90	69·24	68·57	68·07	67·49	67·15	67·74	67·32	67·74	66·24	68·07
15	71·99	71·65	69·24	68·57	68·07	67·32	67·15	67·74	67·40	67·65	66·74	69·07
16	72·07	71·65	69·24	68·57	67·99	67·32	67·24	67·74	67·32	67·65	66·65	68·90
17	72·15	71·49	69·15	68·49	67·99	67·32	67·24	67·74	67·15	66·49	66·65	68·57
18	72·24	71·40	69·15	68·49	68·07	67·24	67·57	67·65	67·07	66·24	66·57	68·57
19	72·07	71·24	68·99	68·49	67·90	67·24	67·24	67·82	67·15	66·49	66·32	68·74
20	72·40	71·15	68·99	68·49	67·90	67·24	67·07	67·65	67·15	66·49	66·32	68·57
21	72·57	70·82	68·90	68·49	67·90	67·24	67·07	67·49	67·32	66·40	66·32	68·57
22	72·82	70·57	68·90	68·40	67·82	67·24	67·24	67·49	67·49	67·24	66·32	68·57
23	72·90	70·40	68·82	68·32	67·82	67·24	67·24	67·32	67·49	66·32	66·40	68·57
24	73·07	70·40	68·82	68·49	67·65	67·24	67·24	67·40	67·49	66·15	66·32	68·57
25	73·07	70·49	68·90	68·57	67·65	66·97	67·40	67·49	67·07	65·99	66·32	68·57
26	73·15	70·49	68·82	68·49	67·65	66·82	67·40	67·49	67·15	65·74	66·40	68·40
27	73·07	70·24	68·90	68·24	67·65	67·24	67·32	67·49	67·49	65·74	66·40	68·40
28	73·24	70·07	68·82	68·24	67·65	67·24	67·49	67·49	67·49	66·40	66·24	68·57
29	73·24	69·99	68·65	68·32	67·57	67·24	67·49	67·49	66·74	66·57	.....	67·99
30	73·15	69·99	68·65	68·24	67·74	67·07	67·40	67·40	66·65	66·74	.....	68·15
31	.....	69·90	.....	68·07	67·74	.....	67·57	.....	67·40	66·65	.....	68·15

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock, No. 5, for 1871–72.

TABLE No. 634.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·15	70·40	69·57	68·07	67·40	66·99	66·32	66·24	65·57	65·22	65·07	65·07
2	68·15	70·57	69·57	68·07	67·32	66·99	66·24	66·32	65·57	64·15	65·15	65·24
3	68·15	70·57	69·40	67·99	67·32	66·90	66·32	66·24	66·57	63·49	65·57	65·07
4	68·07	70·57	69·40	67·90	67·32	66·90	66·49	65·99	66·82	64·99	65·32	65·07
5	68·07	70·57	69·32	68·07	67·49	66·90	66·40	65·99	66·40	66·32	65·40	64·65
6	68·15	71·07	69·24	68·07	67·32	66·99	66·24	65·99	65·65	66·82	65·15	64·82
7	68·40	71·15	69·32	68·24	67·24	66·90	66·24	65·99	65·90	64·90	64·82	64·99
8	68·15	71·65	69·32	68·07	67·15	66·74	66·32	65·99	66·32	64·40	64·57	66·24
9	69·15	71·49	69·40	67·99	67·49	66·65	66·24	65·99	66·24	64·74	64·90	66·32
10	69·15	71·49	69·24	67·90	67·24	66·57	66·24	65·82	66·40	64·99	65·07	66·24
11	69·24	71·49	68·99	67·90	67·32	66·57	66·49	65·90	66·40	66·65	65·07	66·32
12	69·32	71·32	69·07	67·82	67·07	66·65	66·32	65·90	66·24	66·32	65·07	65·57
13	69·32	71·24	68·90	67·82	66·99	66·65	66·40	65·90	66·07	65·82	64·90	65·49
14	69·40	71·24	68·99	67·82	66·90	66·57	66·24	65·65	65·90	64·74	64·74	65·15
15	69·40	71·07	68·99	67·82	66·90	66·40	66·65	65·40	65·74	64·99	61·32	64·99
16	69·24	71·07	68·99	67·74	66·90	66·32	66·49	65·74	66·24	64·74	61·32	64·82
17	69·24	70·90	68·90	67·74	66·99	66·57	66·32	66·07	66·49	64·82	64·32	64·99
18	69·24	70·82	68·74	67·74	67·15	66·49	66·15	66·15	66·65	65·57	64·40	64·99
19	69·07	70·65	68·74	67·65	67·15	66·40	66·15	66·07	66·24	65·82	64·40	64·99
20	69·46	70·49	68·90	67·65	66·90	66·32	66·32	65·99	66·15	66·74	64·32	64·57
21	69·40	70·15	68·82	67·57	66·65	66·32	66·24	66·24	65·82	65·49	64·40	63·99
22	69·57	70·40	68·65	67·74	66·65	66·32	66·32	66·32	65·57	66·15	64·15	64·32
23	69·74	70·07	68·65	67·65	66·74	66·32	66·32	66·32	65·90	66·07	61·15	65·15
24	69·74	69·99	68·57	67·57	66·82	66·49	66·24	66·07	65·90	64·90	64·49	64·90
25	69·74	69·99	68·40	67·57	66·82	66·40	65·90	66·40	66·07	64·90	64·57	64·82
26	69·82	69·99	68·49	67·40	66·74	66·40	65·90	66·15	65·82	64·90	64·24	64·82
27	69·65	69·90	68·49	67·57	66·65	66·40	66·24	65·99	65·82	65·07	63·99	64·74
28	69·74	69·74	68·49	67·49	66·74	66·49	66·24	65·90	65·49	65·57	63·99	64·65
29	69·90	69·90	68·40	67·40	66·65	66·40	66·24	65·90	65·57	66·57	65·07	64·82
30	70·24	69·82	68·32	67·32	66·90	66·32	66·15	65·90	65·57	65·24	.....	64·65
31	.....	69·74	.....	67·32	67·07	.....	66·24	.....	65·49	65·15	.....	64·65

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1872–73.

TABLE No. 635.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	64·74	67·49	68·90	67·32	66·40	66·07	66·32	66·49	65·82	65·57	65·82	65·24
2	64·40	67·82	68·82	67·32	66 32	66 07	66 32	66·57	65·90	65·99	65·82	65·32
3	64·49	67·74	68·74	67·32	66·32	66·07	66·24	66·57	65·99	66·24	65·57	65·32
4	64·40	67·82	68·74	67·24	66·40	65·99	66·15	66·57	66·07	65·57	66·24	65·24
5	64·40	68·07	68·82	67·15	66·32	65·90	66·07	66·49	65·90	65·40	65·74	65·24
6	64·57	68·15	68·82	67·15	66·32	65·90	66·07	66·40	65·90	65·40	66·15	65·32
7	64·57	68·32	68·82	67·15	66·32	65·90	66·24	66·40	65·82	64·99	65·65	65·49
8	64·82	68·49	68·82	66·99	66·32	65·99	66·57	66·40	65·82	65·15	65·40	65·24
9	65·15	68·57	68·82	66·90	66·32	65·99	66·82	66·40	66·07	65·65	65·57	65·15
10	65·74	68·74	68·82	66·90	66·40	65·90	66·90	66·32	65·74	65·74	64·57	65·49
11	66·15	68·65	68·90	66·99	66·15	65·90	66·82	66·07	65·40	65·74	64·40	65·65
12	66·49	68·90	68·90	66·99	66·07	65·90	66·74	66·24	65·40	65·99	64·99	65·74
13	66·57	68·82	68·90	66·82	66·07	65·99	66·49	66·40	64·90	65·99	65·90	65·49
14	66·90	68·90	68·74	66·74	66·07	66·07	66·49	66·32	66·65	65·65	65·90	65·32
15	66·90	68·99	68·74	66·65	66·24	65·99	66·65	66·74	67·24	65·57	65·74	65·49
16	66·90	69·15	68·57	66·65	66·07	65·90	66·57	66·49	67·15	65·57	65·99	65·57
17	66·65	69·15	68·49	66·65	66·07	65·90	66·57	66·74	67·07	65·82	65·99	65·49
18	66·65	69·15	68·49	66·65	66·07	65·99	66·65	66·49	67·07	65·49	65·65	65·99
19	66·65	69·15	68·24	66·74	66·07	66·07	66·65	66·40	67·15	65·82	65·40	65·82
20	66·74	69·15	68·15	66·65	66·07	66·32	66·74	66·40	67·24	65·65	65·15	65·82
21	66·90	69·15	68·15	66·57	65·99	66·40	66·57	66·32	66·82	66·32	64·57	65·74
22	67·24	69·15	68·07	66·57	66·32	66·40	66·65	66·15	67·15	66·32	64·74	65·65
23	67·32	69·07	67·90	66·57	66·32	66·24	66·74	66·15	66·82	65·99	64·82	65·99
24	67·49	68·99	67·74	66·49	66·32	66·32	66·57	66·15	66·74	65·99	65·07	65·82
25	67·49	69·07	67·74	66·40	66·15	66·32	66·49	66·07	65·57	65·65	65·57	66·07
26	67·40	69·07	67·57	66·49	66·15	66·40	66·24	66·07	65·65	65·99	65·57	65·99
27	67·49	68·90	67·49	66·49	66·15	66·49	66·07	66·07	65·57	66·65	65·82	65·90
28	67·49	68·90	67·49	66·40	66·07	66·32	66·40	65·99	65·07	66·74	65·40	65·65
29	67·49	68·90	67·49	66·40	65·99	66·24	66·32	65·99	65·07	66·07	.....	65·74
30	67·49	68·90	67·40	66·49	66·15	66·32	66·32	66·15	65·32	65·57	.....	65·82
31	.....	68·82	.....	66·49	66·15	.....	66·32	.....	65·49	66·24	.....	66·07

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1873–74.

TABLE No. 636.

1	66·24	69·57	71·65	68·57	67·74	66·82	66·90	67·65	67·07	67·07	67·99	67·82
2	66·49	69·49	71·49	68·57	67·74	67·07	66·90	67·57	66·74	67·74	68·15	67·40
3	66·90	69·49	71·24	68·57	67·74	66·90	66·74	67·74	66·82	67·74	67·90	67·49
4	67·32	69·57	71·07	68·57	67·65	66·82	66·57	67·65	67·32	67·24	67·90	67·99
5	67·74	69·90	71·07	68·65	67·65	66·90	66·90	67·57	67·90	67·40	67·90	68·15
6	67·90	69·99	70·99	68·65	67·65	66·90	66·99	67·49	67·99	67·65	67·99	68·65
7	67·90	70·07	70·82	68·49	67·57	66·82	67·07	67·32	67·82	67·82	68·49	68·57
8	67·99	70·07	70·65	68·49	67·57	66·82	66·99	67·32	67·40	67·65	68·32	67·40
9	68·15	70·24	70·49	68·49	67·57	66·74	67·07	67·49	67·24	68·07	68·07	67·32
10	68·57	70·40	70·32	68·32	67·40	66·74	67·07	67·49	67·24	68·32	68·49	67·07
11	69·07	70·57	70·40	68·32	67·32	66·65	67·07	67·32	67·24	68·49	68·32	67·57
12	69·40	70·74	70·24	68·24	67·32	66·65	67·15	67·24	67·15	68·57	68·24	67·49
13	69·40	70·99	70·07	68·15	67·15	66·90	67·15	67·40	66·82	68·49	68·07	67·40
14	69·49	71·24	69·90	68·15	67·07	66·74	67·24	67·15	66·90	68·40	67·90	67·57
15	69·65	71·32	69·82	68·07	67·15	66·57	67·07	66·99	66·82	68·32	68·15	67·82
16	69·65	71·40	69·74	68·07	67·15	66·99	67·07	66·82	67·57	67·99	67·90	67·90
17	69·82	71·57	69·82	67·82	67·24	66·57	66·99	66·90	67·32	67·65	67·65	67·74
18	69·90	71·65	69·49	67·82	67·07	66·57	66·82	66·74	67·07	68·65	67·32	67·57
19	70·32	71·57	69·49	67·90	67·07	66·57	66·99	66·90	66·82	69·40	67·57	67·74
20	70·49	71·57	69·74	68·15	67·07	66·74	67·15	66·90	66·90	68·90	68·07	67·74
21	70·40	71·49	69·40	68·07	67·07	66·74	67·15	66·90	66·74	68·74	67·99	68·90
22	70·24	71·49	69·32	68·07	67·07	66·49	67·24	66·82	66·57	68·74	67·99	68·82
23	70·15	71·40	69·15	67·99	67·07	66·57	67·49	66·74	67·07	68·40	67·57	68·74
24	70·07	71·49	68·90	67·99	66·99	66·57	67·65	66·49	67·74	68·07	66·99	68·65
25	69·99	71·49	68·90	67·82	66·99	66·57	67·65	66·65	67·32	68·24	67·57	69·07
26	69·90	71·40	68·90	67·82	66·90	66·74	67·49	66·74	66·57	67·99	67·65	68·74
27	69·82	71·32	68·82	67·82	66·90	66·65	67·40	66·57	66·32	67·90	67·40	68·57
28	69·74	71·49	68·74	67·65	66·82	66·65	67·49	66·74	66·40	67·65	67·65	68·57
29	69·65	71·49	68·74	67·82	66·82	66·90	67·65	66·82	66·07	67·65	.....	68·40
30	69·57	71·57	68·57	67·82	66·90	66·82	67·49	66·90	66·65	67·90	.....	68·57
31	.....	71·57	.....	67·74	66·82	.....	67·40	.....	66·65	67·90	.....	68·40

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1874–75.

TABLE No. 637.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·24	68·49	70·99	70·15	68·49	66·99	66·65	66·49	65·90	65·24	65·65	64·24
2	68·24	68·49	71·07	69·82	68·40	66·99	66·57	66·49	65·99	65·82	65·07	64·74
3	68·40	68·40	70·99	69·90	68·24	66·90	66·74	66·40	66·07	66·57	65·15	65·57
4	67·90	68·32	70·90	69·65	68·07	66·99	66·74	66·32	66·15	66·32	64·90	65·74
5	68·07	68·32	70·90	69·57	67·99	66·90	66·65	66·32	65·99	66·99	63·82	65·24
6	67·99	68·40	70·82	69·49	67·90	67·15	66·49	66·57	65·99	66·24	63·49	65·40
7	67·90	68·40	70·74	69·49	67·90	66·99	66·49	66·49	66·07	64·57	62·82	65·15
8	67·82	68·74	70·90	69·40	67·90	66·90	66·40	66·32	66·07	65·74	63·07	64·99
9	67·74	68·57	70·65	69·32	67·90	66·82	66·57	66·32	65·99	65·15	63·32	64·99
10	67·65	68·65	70·74	69·32	67·82	66·90	66·57	66·40	65·99	65·99	62·90	64·99
11	67·74	68·90	70·57	69·15	67·82	66·82	66·82	66·40	66·07	65·65	63·24	64·82
12	67·90	69·07	70·49	68·99	67·74	66·74	66·74	66·40	66·07	65·32	63·90	64·90
13	68·07	69·24	70·74	68·90	67·74	66·65	66·65	66·24	65·99	65·32	63·74	64·99
14	67·90	69·40	70·65	68·99	67·65	66·65	66·65	66·15	65·74	64·82	63·99	64·99
15	68·15	69·40	70·65	68·99	67·65	66·74	66·65	66·07	65·74	64·57	63·82	64·82
16	68·65	69·57	70·49	68·99	67·57	66·82	66·57	66·07	65·90	64·65	63·90	64·90
17	68·90	69·90	70·57	68·82	67·49	66·57	66·65	66·07	66·74	65·49	64·82	64·90
18	68·74	69·90	70·74	68·74	67·57	66·49	66·57	66·32	66·65	64·90	65·40	65·24
19	68·74	70·40	70·49	68·65	67·57	66·65	66·57	66·24	66·65	66·57	65·65	65·32
20	68·65	70·57	70·40	68·65	67·57	66·74	66·49	66·07	67·07	66·40	65·32	66·07
21	68·90	70·74	70·40	68·57	67·49	66·82	66·49	66·15	66·90	65·99	65·32	66·40
22	68·99	71·07	70·49	68·49	67·40	66·82	66·49	66·15	66·99	65·65	65·24	66·07
23	68·82	71·07	70·57	68·49	67·32	66·82	66·32	65·74	66·99	65·40	65·24	65·65
24	68·82	71·24	70·74	68·32	67·15	66·65	66·24	66·32	66·57	65·65	64·99	65·82
25	68·65	71·07	70·74	68·32	67·15	66·74	66·32	66·49	66·32	65·32	64·65	66·07
26	68·57	71·40	70·40	68·24	67·15	66·65	66·32	66·24	66·40	64·90	64·57	65·40
27	68·90	71·24	70·32	68·24	67·07	66·65	66·40	66·07	67·32	64·90	64·15	65·49
28	68·74	71·15	70·32	68·15	67·07	66·65	66·32	66·15	67·15	64·99	64·24	65·40
29	68·65	70·99	70·15	68·15	67·07	66·65	66·24	66·32	66·74	65·40	.....	65·32
30	68·74	70·90	70·24	68·24	67·15	66·74	66·57	65·99	65·65	66·57	.....	65·32
31	.....	70·90	.....	68·24	67·15	.....	66·49	.....	65·49	66·49	.....	65·24

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1875–76.

TABLE No. 638.

1	65·24	67·49	69·99	67·82	66·99	66·65	66·32	66·90	65·90	66·82	67·57	66·74
2	65·57	67·65	69·82	67·74	66·74	66·57	66·40	66·57	66·15	66·74	67·32	66·74
3	66·07	68·15	69·65	67·57	66·65	66·49	66·32	66·57	67·07	66·82	66·24	66·65
4	66·40	68·15	69·65	67·49	66·65	66·74	66·32	66·40	67·65	66·82	66·49	66·74
5	66·49	68·07	69·49	67·40	66·82	66·65	66·24	66·40	67·57	67·57	66·57	66·82
6	66·82	67·99	69·49	67·40	66·65	66·65	66·07	66·40	67·40	67·74	66·74	66·65
7	66·82	68·07	69·24	67·40	66·74	66·57	66·32	66·32	67·15	67·74	67·32	66·74
8	66·65	68·24	69·15	67·40	66·74	66·57	66·32	66·32	66·99	67·90	67·15	67·82
9	66·57	68·32	69·07	67·40	66·82	66·49	66·40	66·24	66·99	67·99	66·99	68·15
10	66·57	68·82	68·90	67·40	66·90	66·57	66·32	66·24	66·82	67·99	66·40	68·24
11	66·90	69·24	68·82	67·57	66·74	66·57	66·40	66·32	67·07	67·65	66·74	68·07
12	67·07	69·49	68·74	67·40	66·65	66·32	66·40	66·32	66·99	67·74	66·90	67·49
13	67·07	69·90	68·82	67·24	66·90	66·32	66·49	66·32	66·49	67·90	67·15	67·74
14	67·07	69·99	68·82	67·24	66·82	66·32	66·24	66·15	66·32	67·65	67·15	67·15
15	67·15	70·24	68·49	67·24	66·74	66·32	66·32	65·90	65·99	67·57	67·07	67·15
16	66·99	70·57	68·49	67·24	66·74	66·15	66·40	66·07	66·15	67·57	67·07	67·90
17	67·40	70·99	68·24	67·15	66·82	66·24	66·90	66·40	66·57	67·65	67·24	67·65
18	67·65	71·07	68·07	67·07	66·90	66·24	66·32	66·07	66·40	67·65	67·40	67·40
19	67·65	71·07	68·07	67·07	66·90	66·24	66·40	66·24	66·32	67·65	67·74	67·40
20	67·65	71·15	68·07	67·07	66·99	66·15	66·65	66·40	65·90	67·90	67·99	67·57
21	67·24	71·15	67·99	67·15	66·99	66·40	66·57	66·40	66·32	67·82	68·15	67·40
22	67·15	71·15	67·90	67·07	66·99	66·40	66·49	66·24	66·74	67·40	67·49	67·15
23	67·07	71·07	67·99	67·07	66·90	66·40	66·40	66·15	66·57	67·82	67·07	67·07
24	67·07	70·90	67·82	67·15	66·82	66·40	66·40	66·40	66·99	67·74	66·65	67·15
25	67·15	70·82	67·90	67·07	66·74	66·32	66·40	66·24	67·15	67·74	66·82	67·57
26	67·24	70·74	67·82	66·99	66·65	66·32	66·15	66·15	67·32	67·65	67·24	67·57
27	67·24	70·65	67·82	66·99	66·74	66·24	66·40	66·32	67·40	67·82	67·74	67·15
28	67·24	70·40	67·82	67·07	66·74	66·32	66·40	66·15	67·65	68·15	67·40	67·15
29	67·15	70·24	67·74	67·07	66·74	66·15	66·32	66·32	67·74	68·15	66·82	67·24
30	66·57	70·24	67·82	67·07	66·65	66·15	65·99	66·07	67·65	66·74	.....	67·15
31	.....	70·15	.....	67·07	66·65	.....	66·65	.....	67·07	67·24	.....	67·32

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1876–77.

TABLE No. 639

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67·40	71·57	72·74	70·49	68·74	67·74	67·40	67·24	67·24	67·65	66·90	66·49
2	67·49	71·32	72·57	70·40	68·65	67·90	67·40	67·24	67·15	67·99	66·57	66·90
3	67·49	71·07	72·49	70·65	68·57	67·82	67·40	67·57	66·82	67·99	66·49	66·57
4	67·49	71·24	72·24	70·24	68·57	67·74	67·57	67·49	67·40	67·57	66·40	66·65
5	67·49	71·40	72·32	70·15	68·57	67·74	67·65	67·49	67·32	67·40	66·74	66·82
6	67·90	71·57	72·07	70·15	68·57	67·65	67·40	67·40	67·49	67·99	66·49	66·90
7	68·24	71·74	71·82	70·15	68·57	67·57	67·49	67·40	67·57	67·99	66·40	66·99
8	68·49	71·99	71·65	70·07	68·49	67·57	67·65	67·32	67·49	68·24	66·40	67·07
9	68·57	72·32	71·56	70·07	68·40	67·49	67·49	67·40	67·49	68·07	66·74	67·07
10	68·40	72·65	71·40	70·15	68·40	67·57	67·57	67·40	67·24	67·90	66·90	66·65
11	68·32	73·07	71·40	70·07	68·32	67·49	67·65	67·40	67·15	67·74	66·57	66·74
12	68·49	73·32	71·32	70·07	68·24	67·40	67·65	67·49	67·40	67·32	66·40	66·74
13	68·74	73·57	71·15	69·99	68·32	67·32	67·40	67·49	67·82	67·07	66·32	66·90
14	69·15	73·74	71·15	69·82	68·24	67·24	67·32	67·40	67·65	67·07	66·15	66·90
15	69·65	73·82	71·24	69·82	68·32	67·32	67·40	67·40	67·57	67·07	66·32	66·65
16	70·07	73·82	71·24	69·74	68·07	67·32	67·32	67·32	67·90	66·74	66·74	66·90
17	70·32	73·74	71·24	69·65	68·07	67·15	67·32	67·40	66·99	67·07	66·57	66·57
18	70·40	73·82	71·24	69·49	67·99	66·90	67·24	67·40	66·74	67·57	66·40	66·57
19	70·40	73·74	71·24	69·40	68·07	66·99	67·07	67·40	66·99	68·07	66·74	66·49
20	70·40	73·74	71·24	69·57	68·15	67·24	67·07	67·24	66·99	68·57	67·07	66·49
21	70·40	73·74	71·32	69·32	68·07	67·24	67·07	67·24	67·32	67·40	67·07	66·82
22	70·65	73·65	71·40	69·15	67·99	67·15	67·24	67·24	67·74	67·32	66·74	66·65
23	70·74	73·65	71·32	69·07	67·90	67·15	67·15	67·49	67·82	67·24	66·49	66·57
24	70·82	73·57	71·24	69·07	67·90	67·15	67·15	67·57	67·90	67·40	66·24	66·57
25	70·74	73·57	71·15	68·99	67·82	67·24	67·40	67·57	67·82	67·07	65·65	66·65
26	70·82	73·49	70·99	68·90	67·82	67·32	67·32	67·49	68·40	67·07	66·07	66·57
27	70·90	73·49	70·82	68·90	67·99	67·49	67·32	67·40	68·40	67·57	66·40	66·74
28	71·07	73·32	70·90	68·99	67·90	67·65	67·24	67·40	68·57	67·40	66·40	67·32
29	71·15	73·15	70·74	68·90	67·74	67·49	67·24	67·40	68·74	67·24	.....	67·57
30	71·24	73·07	70·57	68·90	67·74	67·49	67·07	67·32	68·32	67·40	.....	67·49
31	.....	72·82	.....	68·82	67·74	.....	67·07	.....	67·99	67·24	.....	67·57

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1877–78.

TABLE No. 640.

1	67·49	69·32	68·32	67·65	67·15	66·90	66·32	66·32	67·15	66·49	67·32	66·99
2	67·82	69·40	68·15	67·82	67·07	66·90	66·15	66·07	67·15	66·40	66·99	67·15
3	68·15	69·24	68·15	67·65	67·24	66·90	66·07	66·57	67·24	66·65	67·15	66·90
4	68·15	69·15	68·15	67·65	67·24	66·82	65·99	66·57	67·15	66·99	67·40	66·82
5	68·07	69·07	68·07	67·65	67·15	66·82	66·15	66·49	67·15	67·49	67·40	66·90
6	68·15	69·07	67·90	67·65	67·15	66·74	66·24	66·49	67·49	66·82	67·15	67·07
7	68·32	68·82	67·90	67·57	67·15	66·49	66·24	66·40	67·49	67·07	66·82	67·07
8	68·32	68·65	67·82	67·74	67·07	66·40	66·15	66·24	67·57	66·90	66·74	67·32
9	68·15	68·57	67·82	67·65	67·07	66·57	66·15	66·57	67·57	67·24	66·65	67·65
10	68·07	68·49	68·07	67·65	67·15	66·49	66·32	66·57	67·15	67·74	66·65	67·82
11	68·15	68·49	67·99	67·65	67·15	66·49	66·24	66·57	67·24	67·49	66·57	67·82
12	68·07	68·57	67·99	67·65	67·15	66·49	66·32	66·57	67·40	67·07	66·65	67·49
13	68·07	68·57	67·90	67·57	67·07	66·49	66·32	66·57	67·32	66·90	67·15	67·40
14	68·07	68·57	67·90	67·57	66·99	66·49	66·32	66·49	67·24	66·90	66·82	67·57
15	68·07	68·40	67·74	67·49	66·99	66·49	66·24	66·49	67·24	66·82	67·07	67·74
16	68·07	68·40	67·82	67·40	66·90	66·57	66·15	66·65	67·32	66·90	67·07	67·82
17	68·07	68·40	67·82	67·57	66·99	66·57	66·24	66·57	67·32	67·32	66·99	67·82
18	68·07	68·40	67·74	67·57	66·90	66·57	66·24	66·90	67·15	67·24	66·74	67·74
19	67·90	68·40	67·82	67·40	66·99	66·49	66·24	66·82	67·07	68·65	66·65	67·82
20	68·15	68·40	67·65	67·57	66·99	66·49	66·07	66·57	67·07	68·07	67·07	67·90
21	68·57	68·32	67·49	67·57	66·90	66·49	66·07	66·40	67·07	67·24	66·90	67·74
22	68·99	68·24	67·57	67·49	66·90	66·40	65·99	66·40	66·99	66·90	66·57	67·65
23	69·07	68·24	67·65	67·40	66·90	66·49	66·07	66·40	66·99	66·90	66·49	67·74
24	69·15	68·32	67·57	67·49	66·90	66·32	66·15	66·57	66·90	66·57	66·57	67·65
25	69·15	68·40	67·65	67·40	66·90	66·32	66·24	66·40	66·82	67·40	66·74	67·90
26	69·07	68·32	67·65	67·40	66·99	66·40	66·15	66·57	66·82	67·65	66·82	67·57
27	69·07	68·49	67·57	67·24	66·90	66·32	65·99	66·74	66·82	67·57	66·90	67·57
28	68·90	68·40	67·49	67·49	66·90	66·15	65·99	67·07	66·74	67·49	66·99	67·57
29	68·90	68·40	67·40	67·49	66·90	66·24	66·32	67·07	66·74	67·15	.....	67·57
30	69·15	68·32	67·49	67·32	66·90	66·24	66·32	67·15	66·65	67·49	.....	67·74
31	.....	68·32	.....	67·24	66·90	.....	66·24	.....	66·57	67·74	.....	67·74

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1878–79.

TABLE No. 641.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67·74	68·82	68·65	68·07	67·57	67·49	67·57	68·99	69·32	69·40	69·07	67·57
2	67·74	68·82	68·74	67·99	67·74	67·49	67·57	69·07	68·82	69·57	68·57	67·74
3	67·74	68·82	68·74	67·99	67·74	67·40	67·65	69·15	69·07	69·57	68·24	67·74
4	67·65	68·82	68·74	68·07	67·74	67·32	67·65	69·07	69·15	69·57	68·49	67·57
5	67·65	68·90	68·90	67·99	67·74	67·40	67·57	68·82	69·15	69·57	68·24	67·15
6	67·74	69·07	68·74	67·99	67·74	67·40	67·57	68·74	69·07	69·32	67·99	67·07
7	67·99	69·07	68·57	67·99	67·65	67·32	67·49	68·65	68·82	69·07	67·90	66·90
8	68·07	69·07	68·40	67·90	67·65	67·40	67·57	68·40	68·65	68·99	67·57	67·24
9	68·07	69·15	68·40	67·99	67·65	67·32	67·49	68·57	68·49	68·82	67·99	67·07
10	68·07	69·40	68·32	67·90	67·82	67·32	67·65	68·40	68·40	68·49	67·74	66·99
11	68·15	69·57	68·24	67·90	67·90	67·32	67·49	68·32	69·32	68·32	67·90	67·15
12	68·49	69·57	68·32	67·82	67·82	67·24	67·49	68·40	69·82	68·32	67·99	67·32
13	68·74	69·49	68·40	67·74	67·90	67·15	67·49	68·57	69·74	68·57	67·82	67·57
14	68·90	69·49	68·32	67·82	67·82	67·57	67·32	68·57	69·65	68·82	67·82	67·57
15	68·90	69·32	68·32	67·74	67·82	67·57	67·40	68·40	68·49	68·49	68·24	67·57
16	68·74	69·32	68·32	67·74	67·82	67·49	67·49	68·24	68·24	68·24	68·57	67·57
17	68·65	69·32	68·32	67·74	67·82	67·49	67·57	68·07	68·90	68·24	68·49	67·74
18	68·65	69·24	68·32	67·74	67·99	67·57	67·74	67·99	68·99	68·49	68·24	67·74
19	68·65	69·15	68·24	67·74	67·99	67·57	67·74	68·07	68·99	69·15	68·24	67·65
20	68·57	69·07	68·15	67·65	67·82	67·57	68·15	68·07	68·99	69·15	68·07	67·57
21	68·74	69·15	68·07	67·74	67·74	67·57	67·99	68·15	69·07	68·57	68·07	67·57
22	68·65	69·15	68·07	67·65	67·74	67·65	67·99	68·07	69·07	68·57	67·90	67·57
23	68·49	69·07	67·99	67·65	67·65	67·57	67·99	68·40	69·07	68·57	67·90	67·40
24	68·49	68·99	68·07	67·57	67·65	67·49	68·07	68·82	69·40	68·65	67·57	67·32
25	68·57	68·99	68·24	67·74	67·65	67·65	68·07	68·82	69·40	68·57	67·40	67·32
26	68·57	68·99	68·07	67·74	67·74	67·82	68·07	68·90	69·65	68·15	67·32	67·24
27	68·57	68·99	67·99	67·82	67·57	67·74	68·24	68·65	69·65	68·15	67·15	67·32
28	68·65	68·99	68·07	67·82	67·49	67·65	68·32	68·82	69·40	68·24	67·15	67·40
29	68·57	68·90	68·07	67·74	67·49	67·57	68·49	69·24	69·24	68·65	.....	67·40
30	68·65	68·90	68·15	67·65	67·40	67·57	68·57	69·32	69·57	68·90	.....	67·57
31	.....	68·82	.....	67·57	67·32	.....	68·82	.....	69·24	69·24	.....	67·65

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1879–1880.

TABLE No. 642.

1	67·74	70·32	70·57	68·57	67·99	66·99	66·90	66·65	66·49	67·49	68·15	67·82
2	67·82	70·40	70·40	68·57	67·99	66·99	66·82	66·32	66·40	68·32	67·74	68·49
3	67·90	70·57	70·15	68·49	67·90	66·99	66·99	65·99	66·49	67·74	67·65	68·40
4	67·99	70·65	70·07	68·40	67·82	66·90	66·82	66·15	66·49	68·07	67·57	67·90
5	68·07	70·74	70·07	68·40	67·82	66·90	66·90	66·15	66·32	68·57	67·74	67·74
6	67·90	70·82	70·07	68·32	67·90	67·15	66·82	66·15	66·24	68·57	68·15	67·90
7	67·90	70·90	70·07	68·24	67·65	67·15	66·74	66·07	66·74	68·99	68·32	68·24
8	67·90	70·90	69·99	68·24	67·49	67·15	66·74	66·07	66·90	69·24	68·57	67·90
9	67·90	70·99	69·74	68·24	67·49	66·90	66·74	66·24	66·82	68·99	68·40	68·07
10	67·90	70·90	69·65	68·24	67·49	66·99	66·57	66·24	66·82	68·07	68·15	67·99
11	67·99	70·82	69·57	68·24	67·40	66·99	66·65	66·15	67·07	67·82	68·07	67·90
12	67·90	70·90	69·57	68·15	67·40	66·99	66·65	66·15	67·15	67·99	68·40	67·74
13	68·07	70·90	69·49	68·15	67·32	66·99	66·57	65·99	67·15	68·15	67·74	67·99
14	68·32	70·90	69·40	68·15	67·49	66·99	66·57	65·99	67·07	68·15	67·57	67·65
15	68·57	70·90	69·24	68·24	67·40	67·07	66·57	66·32	67·07	68·74	67·57	67·99
16	68·82	70·99	69·07	68·32	67·15	66·90	66·57	66·57	67·07	69·07	67·65	67·99
17	69·15	71·24	69·24	68·24	67·07	67·24	66·40	66·65	67·07	68·74	67·57	67·82
18	69·40	71·57	69·15	68·15	67·15	67·15	66·57	66·49	67·07	67·82	67·15	67·57
19	69·49	71·65	69·15	68·07	67·15	67·15	66·74	66·40	67·07	67·24	67·24	67·65
20	69·49	71·82	69·07	68·07	67·15	67·15	66·65	66·57	67·07	67·15	67·07	67·57
21	69·65	71·90	69·07	68·07	67·15	67·07	66·57	66·65	67·07	66·99	67·99	67·57
22	69·74	71·82	69·07	67·99	67·24	66·99	66·57	66·40	67·07	67·07	68·40	67·49
23	69·74	71·82	69·07	67·99	67·24	66·99	66·74	66·57	67·32	67·90	67·90	67·49
24	69·82	71·74	68·99	68·07	67·40	66·99	66·65	66·65	68·32	68·07	67·40	67·49
25	69·65	71·65	68·90	67·99	67·24	66·99	66·49	66·57	68·32	68·07	67·49	67·32
26	69·65	71·49	68·82	67·90	67·15	66·99	66·49	66·57	68·32	68·65	67·49	67·65
27	69·74	71·24	68·82	67·99	67·07	66·90	66·49	66·40	68·32	68·15	67·57	67·57
28	69·74	71·15	68·74	68·07	66·99	66·90	66·49	66·40	68·40	67·65	67·57	67·40
29	69·90	70·90	68·65	68·07	66·99	66·90	66·57	66·65	68·74	67·49	67·99	67·32
30	70·07	70·74	68·65	68·07	66·99	66·90	66·74	66·65	68·15	67·82	.....	67·32
31	.....	70·65	.....	67·99	66·99	.....	66·74	.....	67·90	68·15	.....	67·32

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1880–81.

TABLE No. 643.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67·32	70·49	71·07	69·15	67·99	66·99	66·90	66·90	66·99	67·82	66·57	66·24
2	67·57	70·24	70·90	69·07	67·99	66·99	66·82	67·07	67·07	67·74	65·90	65·90
3	67·82	70·15	70·74	68·99	67·99	67·07	66·90	66·90	67·07	67·90	65·82	66·07
4	68·40	70·15	70·65	68·90	67·90	67·15	66·82	66·82	67·32	67·32	66·07	65·90
5	69·24	70·15	70·57	68·82	67·90	67·15	66·82	66·90	67·24	67·07	66·65	65·74
6	69·65	70·40	70·49	68·82	67·82	67·15	66·90	66·99	67·40	67·40	66·99	65·74
7	69·65	70·24	70·57	68·82	67·74	67·15	66·90	67·74	67·32	67·74	67·07	65·74
8	69·57	70·24	70·49	68·65	67·74	66·99	66·90	67·49	67·15	67·65	66·99	65·90
9	69·40	70·40	70·40	68·65	67·82	66·90	66·82	67·40	67·15	68·15	66·15	66·07
10	69·15	70·49	70·24	68·65	67·74	66·82	66·90	67·32	67·07	67·99	65·65	66·07
11	69·15	70·65	70·24	68·57	67·65	66·90	66·90	67·32	67·15	67·82	65·49	66·24
12	69·16	70·82	70·24	68·49	67·57	66·90	66·99	68·07	67·74	67·65	65·65	66·07
13	68·99	70·90	70·15	68·32	67·65	66·90	66·90	68·32	67·74	67·74	66·07	66·32
14	68·99	70·90	70·24	68·32	67·57	66·90	66·74	68·15	67·57	67·65	65·82	66·24
15	68·90	70·99	70·15	68·32	67·57	66·90	66·74	68·15	67·24	67·49	66·40	66·24
16	68·90	71·24	70·07	68·15	67·49	66·90	66·74	68·15	67·15	67·24	66·24	66·32
17	68·99	71·32	69·99	68·15	67·40	66·90	66·99	68·32	66·90	67·15	66·15	66·49
18	69·24	71·32	69·90	68·24	67·32	66·90	67·40	68·32	66·90	66·99	66·15	66·74
19	69·40	71·32	69·90	68·15	67·40	66·82	67·24	68·24	66·90	67·24	66·15	66·90
20	69·74	71·24	69·90	68·15	67·40	66·82	66·99	67·99	67·07	67·40	66·07	67·24
21	69·65	71·24	69·82	68·32	67·32	66·99	66·90	68·15	67·49	67·49	66·07	67·32
22	69·74	71·24	69·65	68·15	67·49	66·99	66·90	67·99	67·82	67·32	66·15	68·32
23	69·65	71·24	69·49	68·15	67·32	66·99	66·74	67·57	67·99	67·15	65·82	68·57
24	69·57	71·24	69·49	68·15	67·32	66·90	66·74	67·40	68·32	67·07	65·49	68·40
25	69·49	71·24	69·40	68·15	67·24	66·82	66·74	67·57	68·40	66·82	65·82	68·32
26	69·57	71·07	69·40	68·07	67·07	66·82	66·57	67·57	68·24	66·57	66·49	68·15
27	69·74	71·07	69·32	68·07	66·99	66·99	66·82	67·40	68·24	66·32	66·74	67·99
28	69·90	71·07	69·24	68·15	67·07	66·74	66·74	67·40	68·49	65·82	66·49	67·82
29	69·99	70·99	69·32	68·07	67·07	66·90	66·57	67·32	68·49	65·82	.....	67·65
30	70·24	70·82	69·24	68·07	67·07	66·90	66·57	67·24	68·40	66·32	.....	67·57
31	.....	70·90	.....	67·99	66·99	.....	66·65	.....	68·07	66·32	.....	67·15

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1881–82.

TABLE No. 644.

1	67·07	68·65	69·40	67·74	67·32	66·65	66·24	66·24	66·49	67·24	68·57	67·24
2	67·32	68·90	69·40	67·74	67·24	66·57	66·32	66·24	66·40	67·15	68·57	67·99
3	67·74	69·07	69·24	67·82	67·24	66·57	66·32	66·32	66·40	66·74	67·57	68·65
4	67·74	69·07	69·24	67·74	67·24	66·65	66·15	66·32	66·32	66·99	67·40	68·74
5	67·65	68·99	69·15	67·74	67·24	66·65	66·24	66·32	66·32	67·40	67·32	68·74
6	67·49	69·15	69·15	67·74	67·24	66·74	66·15	66·32	66·40	68·07	67·57	68·57
7	67·32	69·15	68·99	67·65	67·24	66·82	66·15	66·32	66·49	68·24	68·15	68·32
8	67·24	69·15	68·90	67·57	67·15	66·65	66·15	66·24	66·90	68·57	67·99	68·40
9	67·24	69·15	68·74	67·57	67·24	66·57	66·24	66·32	66·65	68·24	68·24	68·24
10	67·32	69·24	68·65	67·57	67·24	66·40	66·15	66·32	66·49	67·74	68·24	67·90
11	67·49	69·32	68·49	67·40	67·24	66·74	66·07	66·49	66·49	67·74	67·40	67·90
12	67·49	69·49	68·49	67·40	67·15	66·65	65·90	66·24	66·32	67·90	67·32	67·90
13	67·40	69·57	68·40	67·49	67·15	66·40	66·15	66·40	66·57	68·07	67·07	67·82
14	67·32	69·57	68·40	67·49	67·07	66·49	66·07	66·57	66·65	68·40	67·07	67·82
15	67·32	69·57	68·49	67·49	67·07	66·32	66·07	66·65	66·74	67·74	67·32	68·77
16	67·40	69·57	68·49	67·49	66·90	66·15	66·15	66·57	66·57	68·65	67·32	67·99
17	67·49	69·65	68·24	67·49	66·82	66·32	65·90	66·40	66·65	68·32	67·57	67·82
18	67·49	69·99	68·24	67·40	66·82	66·32	66·07	66·65	66·82	68·57	67·49	67·82
19	67·49	70·07	68·24	67·40	66·82	66·32	66·07	66·49	66·82	68·99	67·82	67·74
20	67·40	70·15	68·15	67·40	66·82	66·32	66·07	66·57	66·82	68·74	67·74	67·65
21	67·40	70·24	68·15	67·49	66·82	66·15	66·24	66·49	66·65	68·65	67·74	67·74
22	67·40	70·32	68·07	67·49	66·82	66·07	66·24	66·57	66·65	68·57	67·65	67·74
23	67·49	70·32	68·07	67·40	66·74	66·07	66·24	66·49	66·32	67·90	67·74	67·57
24	67·57	70·32	67·90	67·40	66·74	66·07	66·07	66·49	66·24	67·57	67·57	67·74
25	67·57	70·07	67·90	67·24	66·74	66·24	66·07	66·32	66·32	67·40	67·40	67·90
26	67·65	69·90	67·90	67·40	66·74	66·40	66·07	66·57	66·57	67·65	67·57	67·90
27	67·90	69·90	67·74	67·40	66·65	66·32	66·07	66·57	66·65	67·74	67·24	67·74
28	68·15	69·82	67·90	67·40	66·65	66·40	66·07	66·57	66·74	67·40	67·24	67·90
29	68·40	69·65	67·90	67·40	66·65	66·32	66·07	66·32	66·57	67·57	.....	68·32
30	68·40	69·65	67·90	67·32	66·65	66·24	66·24	66·49	67·07	67·74	.....	68·32
31	.....	69·57	.....	67·32	66·65	.....	66·32	.....	67·24	68·07	.....	68·65

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1882–83.

TABLE No. 645.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·40	69·32	71·07	69·90	68·74	68·32	67·90	67·32	66·99	67·24	66·57	66·74
2	68·15	69·32	71·07	70·07	68·65	68·24	67·90	67·24	66·99	67·24	66·49	66·57
3	67·99	69·57	71·07	70·07	68·65	68·32	67·90	67·24	66·90	67·24	66·99	66·32
4	67·99	69·40	70·90	69·99	68·57	68·32	67·90	67·15	66·74	67·40	66·74	66·57
5	67·99	69·40	71·15	69·90	68·57	68·24	67·65	66·99	66·99	67·40	66·74	66·07
6	67·90	69·24	71·24	69·90	68·57	68·24	67·65	66·90	67·24	67·40	66·82	66·65
7	68·90	69·24	71·24	69·90	68·57	68·15	67·74	66·90	67·57	67·32	67·15	66·74
8	68·65	69·24	71·24	69·90	68·32	68·07	67·74	66·99	67·24	67·32	66·99	66·32
9	68·57	69·24	71·24	69·74	68·40	68·07	67·65	67·07	66·99	67·57	66·90	66·74
10	68·57	69·24	71·15	69·82	68·40	67·99	67·65	66·99	67·40	68·24	66·82	66·99
11	68·57	69·15	71·07	69·82	68·57	67·90	67·49	66·99	67·24	67·07	66·65	66·82
12	68·57	69·07	70·90	69·82	68·74	67·65	67·32	66·99	67·40	66·90	66·57	66·24
13	68·65	69·24	70·82	69·74	68·57	67·74	67·24	67·07	67·32	66·82	66·82	66·40
14	68·57	69·07	70·65	69·57	68·32	67·65	67·24	67·49	67·74	67·24	66·82	66·49
15	68·49	69·32	70·57	69·49	68·40	67·90	67·40	67·40	67·90	67·24	66·82	66·15
16	68·40	69·65	70·40	69·40	68·40	67·99	67·40	67·40	67·74	67·32	66·57	65·82
17	68·49	69·74	70·40	69·24	68·40	67·99	67·49	67·40	67·99	67·57	66·07	66·40
18	68·57	69·82	70·40	69·24	68·40	67·90	67·49	67·40	67·99	66·99	66·07	66·32
19	68·57	69·82	70·57	69·32	68·49	67·90	67·40	67·24	67·99	66·99	66·15	65·82
20	68·82	69·99	70·74	69·32	68·49	67·90	67·32	67·24	68·07	67·07	66·57	65·49
21	69·15	69·99	70·65	69·24	68·49	67·90	67·24	67·24	68·07	67·15	66·65	65·57
22	69·40	69·99	70·65	69·15	68·49	67·82	67·32	67·32	68·49	67·82	66·49	65·82
23	69·32	70·32	70·57	69·07	68·49	67·90	67·24	67·32	68·57	66·65	66·32	66·07
24	69·24	70·49	70·57	69·07	68·57	68·07	67·40	67·49	67·74	66·82	66·07	66·07
25	69·24	70·49	70·57	68·90	68·57	67·90	67·32	67·57	67·24	66·90	66·24	66·07
26	69·40	70·49	70·40	68·90	68·32	67·90	67·32	67·40	67·32	67·15	65·99	65·90
27	69·07	70·57	70·40	68·90	68·32	67·74	67·32	67·07	66·99	67·40	65·90	65·90
28	69·07	70·65	70·32	68·90	68·32	67·65	67·15	66·99	67·07	67·57	66·57	65·82
29	69·07	70·65	70·24	68·90	68·40	67·74	67·40	66·90	67·24	67·74	.....	65·90
30	69·24	70·74	70·24	68·90	68·40	67·90	67·40	66·90	67·07	67·74	.....	66·07
31	.....	70·74	.....	68·90	68·32	.....	67·32	.....	66·99	67·24	.....	66·15

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1883–84.

TABLE No. 646.

1	66·32	68·99	70·90	70·40	69·57	68·32	67·82	67·99	68·57	69·07	67·40	67·40
2	66·07	68·90	70·82	70·40	69·49	68·24	67·74	67·90	68·57	69·15	67·40	67·99
3	66·07	68·90	70·82	70·40	69·49	68·15	68·07	67·90	68·57	69·15	67·82	67·99
4	66·07	68·82	70·82	70·57	69·49	68·24	68·07	67·90	68·57	69·15	67·99	67·57
5	66·24	69·07	70·65	70·57	69·49	68·15	67·99	67·99	68·49	68·90	67·65	67·90
6	66·24	69·57	70·57	70·57	69·49	68·40	67·99	68·07	68·49	68·74	67·65	67·99
7	66·74	69·65	70·49	70·49	69·40	68·07	67·90	68·07	68·32	68·74	67·99	67·74
8	67·07	69·65	70·40	70·74	69·24	68·15	67·82	67·99	68·32	69·24	68·15	67·24
9	66·90	69·57	70·32	70·57	69·24	68·15	67·74	67·90	68·32	69·24	67·99	67·15
10	67·49	69·57	70·15	70·49	69·24	68·15	67·82	67·99	68·49	69·24	67·99	66·74
11	68·24	69·74	70·24	70·40	69·07	68·07	67·90	68·07	68·49	69·24	67·99	66·82
12	68·90	69·82	70·32	70·24	68·99	68·07	67·82	68·24	68·40	69·24	67·99	66·99
13	69·24	69·90	70·49	70·24	68·99	67·99	67·90	68·24	68·49	69·15	67·90	66·82
14	69·40	69·74	70·49	69·99	68·90	67·99	67·90	68·32	68·57	69·07	67·24	66·90
15	69·49	69·65	70·32	69·99	68·82	68·07	67·74	68·32	68·57	69·07	67·24	67·24
16	69·49	69·74	70·24	69·99	68·74	68·07	67·74	68·32	68·15	69·15	67·65	67·40
17	69·65	69·74	70·32	69·99	68·74	68·24	67·74	68·32	68·07	68·82	67·90	67·65
18	69·90	69·74	70·32	70·07	68·74	68·15	67·74	68·24	68·32	68·65	67·57	67·65
19	70·15	69·65	70·57	70·15	68·74	68·07	67·82	68·15	68·32	68·40	67·32	67·65
20	70·07	69·57	70·57	70·15	68·74	67·99	67·90	68·07	68·90	68·24	67·32	67·40
21	70·07	69·15	70·57	70·07	68·74	67·99	67·82	68·07	69·07	68·15	67·32	67·40
22	69·99	69·07	70·57	70·07	68·74	67·90	67·65	68·24	68·82	68·40	67·90	67·57
23	69·82	69·49	70·57	70·07	68·65	67·90	67·57	68·24	68·65	68·15	68·40	68·07
24	69·74	70·07	70·49	69·99	68·65	67·90	67·57	68·07	68·82	67·65	68·24	68·07
25	69·74	70·15	70·24	69·90	68·57	68·24	67·65	68·07	69·07	67·57	68·57	68·65
26	69·40	70·40	70·24	69·74	68·57	68·15	67·65	67·99	69·49	67·49	68·57	69·32
27	69·40	70·40	70·24	69·74	68·57	68·15	67·65	68·57	69·40	67·99	68·57	69·74
28	69·40	70·49	70·24	69·74	68·40	68·15	67·65	68·82	68·74	67·65	68·40	70·15
29	69·15	70·57	70·24	69·74	68·32	68·07	67·74	68·65	68·32	67·49	67·82	70·57
30	69·07	70·57	70·24	69·65	68·32	67·99	67·82	68·57	68·82	67·65	.....	70·57
31	.....	70·90	.....	69·57	68·32	.....	67·99	.....	69·15	67·99	.....	70 57

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1884–85.

TABLE No. 647.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	70·65	70·90	70·82	69·07	68·57	68·07	67·74	67·90	67·57	68·32	68·65	66·65
2	70·40	71·07	70·74	69·07	68·57	68·07	67·57	67·90	67·57	68·90	68·32	66·57
3	70·24	71·24	70·82	69·07	68·65	68·07	67·57	67·90	67·57	69·40	67·74	66·57
4	70·24	71·24	70·57	69·07	68·65	68·07	67·65	67·82	67·57	69·90	67·99	66·90
5	70·24	71·24	70·49	68·90	68·74	68·07	67·74	67·65	67·49	70·74	68·07	66·90
6	70·07	71·24	70·32	68·99	68·82	68·07	67·74	67·65	67·40	70·40	68·15	66·57
7	69·90	71·24	70·24	68·99	68·90	67·99	67·65	67·65	68·24	69·57	68·32	66·57
8	69·82	71·40	70·15	68·90	68·90	67·99	67·65	68·15	68·57	68·74	68·40	66·57
9	69·90	71·49	70·07	68·82	68·74	67·99	67·57	68·15	68·57	68·32	68·40	66·49
10	69·99	71·65	69·99	68·82	68·74	67·90	67·57	67·90	68·57	68·15	68·74	66·32
11	70·32	71·90	69·90	68·82	68·65	67·90	67·65	67·74	68·49	68·49	68·32	65·99
12	70·49	71·90	69·90	68·82	68·57	67·74	67·65	67·74	68·40	68·74	68·07	65·90
13	70·49	71·90	69·82	68·82	68·57	67·74	67·65	67·74	68·07	68·24	67·99	66·15
14	70·40	71·90	69·82	68·82	68·57	67·74	67·65	67·74	68·07	68·82	67·82	65·90
15	70·40	71·82	69·74	68·82	68·57	67·74	67·65	67·74	67·99	69·32	67·74	66·15
16	70·40	71·82	69·74	68·82	68·57	67·99	67·65	67·74	67·99	69·15	67·49	66·74
17	70·57	71·74	69·74	68·82	68·57	67·99	67·65	67·65	67·99	68·99	67·40	66·40
18	70·74	71·74	69·74	68·74	68·32	67·90	67·65	67·57	67·90	68·24	66·90	66·49
19	70·82	71·65	69·65	68·57	68·32	67·82	67·65	67·57	67·82	68·32	67·15	65·99
20	70·82	71·65	69·65	68·57	68·32	67·82	67·74	67·49	67·74	68·40	67·40	66·07
21	70·82	71·74	69·57	68·57	68·32	67·74	67·57	67·49	67·74	68·65	67·32	65·65
22	70·82	71·65	69·49	68·49	68·24	67·74	67·90	67·32	67·74	68·15	67·40	65·65
23	70·82	71·57	69·32	68·49	68·24	67·65	67·90	67·24	68·07	67·99	67·40	65·74
24	70·82	71·57	69·32	68·40	68·15	67·57	67·82	67·82	68·24	68·90	67·07	65·57
25	70·82	71·57	69·24	68·40	68·15	67·74	67·74	67·57	68·57	68·82	67·74	65·57
26	70·82	71·32	69·24	68·40	68·07	67·74	67·65	67·74	68·65	68·57	67·40	65·57
27	70·82	71·24	69·24	68·40	67·99	67·74	67·65	67·74	68·82	68·32	66·99	65·49
28	70·82	71·15	69·15	68·49	67·99	67·82	67·99	67·74	68·82	67·99	66·90	65·40
29	70·99	70·99	69·15	68·49	68·07	67·90	67·90	67·65	68·82	67·99	.....	65·40
30	70·99	70·90	69·15	68·49	68·15	67·82	67·82	67·82	68·32	67·90	.....	65·74
31	.....	70·90	.....	68·49	68·15	.....	67·74	.....	67·90	68·49	.....	65·57

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1885–86.

TABLE No. 648.

1	65·65	72·15	70·90	69·82	68·74	67·82	67·82	67·82	68·07	68·74	69·07	68·15
2	65·65	71·74	70·99	69·74	68·57	67·82	67·74	68·07	68·07	68·40	69·07	67·82
3	65·90	71·57	70·90	69·74	68·32	67·90	67·82	68·55	68·07	68·15	69·07	67·82
4	65·57	71·24	70·74	69·74	68·49	67·99	67·90	68·55	68·15	68·15	68·82	68·40
5	65·65	70·99	70·74	69·65	68·49	67·99	67·99	68·24	67·82	68·99	68·74	68·99
6	65·49	70·74	70·57	69·49	68·49	67·99	67·82	68·32	67·82	69·99	68·40	68·40
7	65·57	70·49	70·49	69·49	68·49	67·90	67·74	68·32	68·15	69·82	68·74	68·49
8	65·74	70·57	70·49	69·49	68·40	67·82	67·74	68·49	68·32	69·74	69·24	68·32
9	65·90	70·74	70·49	69·57	68·40	67·74	67·74	68·74	68·49	69·74	68·99	67·82
10	66·24	70·99	70·49	69·65	68·40	67·74	67·74	68·90	68·49	69·49	68·49	67·74
11	67·07	71·15	70·49	69·74	68·40	67·74	67·65	68·82	68·57	69·24	68·24	67·65
12	67·07	71·15	70·24	69·65	68·40	67·82	67·49	68·57	68·57	68·99	68·15	67·57
13	67·07	71·15	70·15	69·57	68·40	67·90	67·07	68·57	68·57	69·24	67·90	67·57
14	67·40	71·15	70·15	69·57	68·49	67·99	67·24	68·57	68·57	69·82	67·99	67·90
15	67·82	71·15	70·07	69·57	68·49	67·99	67·74	68·65	68·40	70·07	68·21	67·74
16	67·99	71·15	70·07	69·57	68·49	67·90	67·74	68·57	68·24	70·15	68·57	67·40
17	68·24	71·15	69·99	69·57	68·32	67·90	67·74	68·40	68·24	70·40	68·57	67·40
18	68·57	71·15	69·90	69·57	68·32	67·90	67·82	68·40	68·24	70·32	68·74	67·40
19	68·90	71·15	69·82	69·49	68·32	67·90	67·74	68·40	68·74	70·07	68·82	67·40
20	69·24	71·07	69·74	69·40	68·24	67·90	67·82	68·49	68·99	70·07	68·40	67·40
21	69·57	70·99	69·82	69·40	68·15	67·82	67·99	68·49	69·40	70·24	68·15	67·40
22	69·90	71·07	70·15	69·40	68·15	67·90	68·40	68·40	68·90	70·32	68·15	67·15
23	70·32	70·99	70·24	69·24	68·32	67·99	68·49	68·40	69·40	70·24	68·15	67·65
24	71·07	71·07	70·24	69·07	68·32	67·90	68·49	68·07	69·15	69·57	68·07	67·90
25	71·57	70·99	69·99	69·07	68·15	67·90	68·32	67·90	69·65	69·49	68·24	67·99
26	71·74	70·99	69·99	69·07	68·15	67·82	68·15	67·74	69·90	69·32	68·49	67·90
27	71·90	70·99	69·90	68·99	68·07	67·82	67·99	67·90	70·07	69·32	68·24	68·07
28	71·82	70·90	69·82	68·99	68·07	67·82	67·90	67·99	70·07	69·24	68·07	68·24
29	71·90	70·82	69·90	68·99	68·07	67·82	67·99	68·07	70·15	68·99	.....	67·99
30	71·99	70·74	69·82	68·90	67·90	67·82	68·15	68·24	69·57	68·90	.....	67·99
31	.....	70·65	.....	68·82	67·82	.....	67·90	.....	69·49	69·15	.....	68·07

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1886–87.

TABLE No. 649.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·90	72·57	70·40	69·74	68·82	68·07	68·24	67·82	68·15	68·15	68·24	68·15
2	70·24	72·49	70·24	69·65	68·74	68·07	68·07	67·82	67·99	68·07	68·40	68·57
3	70·57	72·49	70·24	69·57	68·74	68·07	68·07	67·82	67·90	67·65	67·99	69·15
4	70·49	72·40	70·32	69·49	68·74	67·99	68·07	67·90	67·90	67·74	67·90	69·07
5	70·24	72·40	70·24	69·40	68·74	67·99	67·99	67·90	67·90	68·07	67·90	68·57
6	70·07	72·32	70·24	69·32	68·74	67·99	67·90	67·90	68·24	68·49	68·49	68·32
7	69·57	72·15	70·24	69·32	68·74	67·99	67·90	67·90	68·40	68·32	68·90	68·32
8	69·07	71·90	70·24	69·24	68·65	67·99	67·99	67·90	68·65	67·90	69·07	68·82
9	69·24	71·90	70·15	69·24	68·65	67·99	67·90	67·90	68·82	68·07	68·74	68·57
10	69·82	71·82	70·07	69·24	68·57	67·82	67·90	67·74	68·57	67·99	68·82	68·15
11	70·15	71·57	69·99	69·07	68·57	67·82	67·90	67·74	68·07	67·57	68·57	68·07
12	70·24	71·65	69·99	69·07	68·49	67·99	67·82	67·74	67·90	67·57	68·74	67·99
13	70·49	71·57	69·90	68·90	68·40	67·99	67·74	67·65	67·74	67·40	67·74	67·99
14	70·90	71·49	69·74	68·82	68·74	67·99	67·65	67·57	67·65	67·40	67·74	67·99
15	71·24	71·49	69·90	68·82	68·57	67·90	67·99	67·57	67·90	67·15	68·49	67·65
16	71·40	71·49	69·90	68·82	68·40	67·74	67·99	67·57	67·90	67·74	68·90	67·82
17	71·74	71·40	70·15	68·99	68·32	67·90	68·07	67·57	68·07	67·99	68·32	67·82
18	71·99	71·32	70·15	69·07	68·24	67·99	67·90	68·07	68·40	67·99	68·07	67·99
19	72·15	71·24	70·15	68·99	68·24	67·99	67·82	68·24	68·74	67·99	68·32	67·82
20	72·24	71·15	69·99	68·99	68·24	67·99	67·82	68·40	68·82	68·07	68·49	67·82
21	72·49	71·07	69·99	68·99	68·32	67·90	67·99	68·40	68·99	68·24	68·24	67·65
22	72·57	70·90	69·74	68·99	68·32	67·82	68·07	68·40	68·74	68·49	67·99	67·57
23	72·74	70·90	69·65	68·99	68·32	67·74	67·90	68·24	68·32	68·57	68·32	67·52
24	72·74	70·82	69·65	68·99	68·07	67·74	67·82	68·40	67·90	68·99	67·99	67·57
25	73·15	70·82	69·65	68·99	68·07	67·74	67·90	68·40	67·90	68·90	67·99	67·74
26	72·65	70·74	69·74	68·99	68·07	67·82	67·90	68·49	67·57	69·15	67·99	67·74
27	72·65	70·57	69·74	68·99	68·07	67·90	67·65	68·24	67·99	69·07	68·15	67·74
28	72·65	70·57	69·74	68·99	68·07	67·99	67·57	68·32	68·15	68·90	68·15	67·74
29	72·57	70·57	69·74	68·99	68·07	67·90	67·57	68·24	68·57	68·74	.....	67·57
30	72·57	70·49	69·65	68·90	68·07	67·90	67·65	68·24	68·57	68·90	.....	67·57
31	.....	70·49	.....	68·90	68·15	.....	67·57	.....	68·24	68·24	.....	67·74

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1887–88.

TABLE No. 650.

1	67·90	72·32	70·65	69·15	68·32	67·49	66·90	66·74	66·74	67·82	67·15	65·65
2	67·57	72·24	70·57	69·15	68·24	67·49	66·90	66·65	66·40	67·40	66·57	65·57
3	67·65	71·99	70·74	69·07	68·24	67·49	66·90	66·65	66·65	67·24	66·57	65·74
4	67·57	72·15	70·65	68·90	68·24	67·49	66·99	66·65	66·65	67·40	66·32	65·74
5	67·57	72·24	70·65	68·90	68·15	67·49	67·07	66·65	66·90	68·15	66·32	66·15
6	67·65	72·32	70·65	68·90	68·15	67·40	67·15	66·65	66·99	68·07	66·32	66·57
7	67·99	72·40	70·57	68·90	68·15	67·57	67·15	66·74	66·82	68·07	66·32	67·15
8	68·24	72·57	70·49	68·90	68·32	67·57	67·15	66·90	66·74	67·99	66·65	66·99
9	68·07	72·74	69·68	68·90	68·24	67·57	67·07	66·65	66·65	67·99	66·82	66·40
10	68·24	72·90	70·24	68·82	68·07	67·57	66·99	66·40	66·57	68·07	66·07	66·15
11	69·49	72·99	70·07	68·74	68·07	67·57	66·99	66·57	66·82	68·07	65·32	66·07
12	70·90	72·90	69·99	68·74	68·07	67·57	66·99	66·74	66·74	67·57	65·32	66·07
13	70·57	72·90	69·99	68·74	68·07	67·24	67·07	66·74	66·82	67·65	64·90	65·40
14	70·15	72·90	69·90	68·74	68·07	67·32	67·15	66·57	66·99	67·82	65·49	65·40
15	70·07	72·82	69·99	68·74	67·99	67·32	67·07	66·40	66·90	67·82	65·40	65·40
16	70·32	72·74	69·90	68·65	67·99	67·32	67·07	66·74	66·90	67·74	64·74	65·57
17	70·40	72·65	69·82	68·65	67·99	67·15	66·90	66·74	66·82	67·65	65·07	65·57
18	70·49	72·65	69·74	68·65	67·90	67·24	66·99	66·74	66·74	67·57	65·49	65·74
19	70·57	72·57	69·65	68·65	67·74	67·24	66·99	66·74	66·74	67·32	65·49	65·90
20	70·65	71·74	69·57	68·65	67·74	67·24	66·90	66·90	66·74	67·57	65·57	65·99
21	70·90	72·07	69·57	68·57	67·74	67·15	66·99	66·74	66·57	67·65	65·57	66·07
22	71·24	71·90	69·57	68·57	67·74	67·15	67·24	66·65	66·49	67·65	65·57	65·90
23	71·40	71·74	69·57	68·65	67·65	67·15	67·24	66·74	66·40	67·57	65·40	66·24
24	71·90	71·49	69·57	68·65	67·65	67·07	67·24	66·49	66·99	68·15	65·40	66·40
25	71·90	71·57	69·57	68·57	67·65	67·07	67·07	66·40	67·24	67·49	65·40	66·40
26	71·90	71·32	69·49	68·49	67·57	66·99	66·90	66·40	67·57	66·82	65·99	66·74
27	71·99	71·24	69·40	68·49	67·57	66·99	66·90	66·57	67·57	66·57	65·57	66·74
28	71·82	71·24	69·21	68·40	67·57	66·99	66·90	66·90	67·74	66·24	65·32	66·65
29	71·49	71·07	69·15	68·40	67·57	66·99	66·74	66·74	67·82	66·15	65·32	66·57
30	72·07	70·90	69·15	68·40	67·57	66·90	66·74	66·74	67·82	66·24	.....	66·74
31	.....	70·74	.....	68·40	67·57	.....	66·90	.....	67·65	67·15	.....	66·90

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1888–89.

TABLE No. 651.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67·24	68·49	71·40	69·24	67·65	67·32	66·74	66·74	67·07	67·74	67·99	66·40
2	67·24	68·74	71·40	69·24	67·65	67·32	66·74	66·74	67·32	67·49	67·74	66·15
3	67·07	68·99	70·32	69·07	67·57	67·24	66·74	66·90	67·24	67·24	68·07	65·99
4	67·07	68·99	70·32	68·99	67·57	67·15	66·74	66·99	67·24	67·07	67·74	65·90
5	67·32	69·15	70·32	68·90	67·65	67·15	66·74	66·99	67·15	66·90	67·74	65·99
6	67·49	69·32	70·32	68·90	67·57	67·07	66·74	67·07	67·05	66·82	67·82	65·90
7	67·99	69·32	70·32	68·82	67·40	66·99	66·90	67·15	67·07	66·82	67·57	66·07
8	68·32	69·40	70·24	68·74	67·40	66·90	66·99	67·07	67·07	67·15	67·57	66·07
9	68·07	69·32	70·07	68·65	67·40	67·07	66·82	67·15	66·99	66·99	68·32	66·07
10	67·74	69·40	69·99	68·57	67·40	67·24	66·82	67·49	66·82	66·90	68·24	66·32
11	67·82	69·49	69·90	68·57	67·40	67·15	66·74	68·82	66·74	68·07	68·15	66·40
12	68·15	69·57	69·90	68·49	67·32	67·07	66·57	68·90	66·74	68·07	67·99	66·40
13	68·15	69·74	69·82	68·40	67·32	66·99	66·40	68·57	66·65	67·82	67·32	66·40
14	68·15	69·99	69·82	68·24	67·32	66·90	66·57	68·32	66·40	67·82	67·32	66·24
15	68·07	70·49	69·74	67·99	67·32	66·82	66·74	68·15	66·40	67·40	67·32	66·15
16	67·90	70·65	69·82	67·99	67·32	66·82	66·57	68·07	67·65	67·40	67·74	65·99
17	67·99	70·99	69·90	67·99	67·32	66·82	66·74	67·99	67·57	67·74	67·99	66·07
18	68·32	70·99	69·90	67·90	67·32	66·74	66·74	67·99	67·24	67·99	67·49	66·07
19	68·24	71·24	69·90	67·99	67·32	66·90	66·57	67·57	67·15	67·99	66·99	66·07
20	68·24	71·32	69·90	68·07	67·32	66·90	66·57	67·40	67·15	67·49	66·65	66·24
21	68·15	71·40	69·90	68·07	67·32	66·99	66·65	67·24	67·57	67·49	66·74	66·32
22	68·24	71·49	69·90	67·99	67·32	67·07	66·74	67·07	67·57	67·49	66·99	66·74
23	68·32	71·49	69·90	67·90	67·32	67·07	66·57	66·90	67·82	67·99	66·74	66·99
24	68·32	71·32	69·90	67·90	67·24	66·99	66·57	66·90	68·32	68·15	66·24	67·49
25	68·15	71·24	69·82	67·90	67·32	66·90	66·65	66·57	67·74	68·74	66·57	67·74
26	68·07	71·07	69·74	67·74	67·57	66·82	66·57	66·49	68·07	68·74	66·57	67·99
27	67·99	70·90	69·65	67·74	67·57	67·07	66·65	66·49	68·07	68·24	66·57	68·07
28	67·99	70·82	69·40	67·65	67·40	66·90	66·82	66·74	68·40	67·99	66·82	68·07
29	68·24	70·74	69·40	67·40	67·40	66·99	66·90	66·90	68·24	67·74	.....	67·99
30	68·24	70·74	69·40	67·40	67·24	66·90	66·90	66·90	68·24	67·57	.....	67·99
31	.....	70·74	.....	67·57	67·24	.....	66·65	.....	67·90	67·90	.....	68·24

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1889–90.

TABLE No. 652.

1	67·82	70·40	68·40	69·82	68·99	67·49	66·90	66·49	66·65	68·07	68·99	67·99
2	67·74	70·40	68·74	69·74	68·74	67·40	66·99	66·49	67·07	68·07	68·99	68·07
3	67·90	70·24	68·90	69·74	68·74	67·40	66·99	66·74	66·90	68·49	68·99	68·15
4	67·99	70·24	69·24	69·65	68·74	67·32	67·07	66·90	66·74	68·32	68·57	67·99
5	67·74	70·24	69·57	69·57	68·65	67·32	67·07	66·90	66·40	68·15	68·90	68·49
6	68·07	70·15	69·90	69·57	68·57	67·32	66·99	66·82	66·57	68·32	68·57	68·40
7	68·07	70·07	69·99	69·49	68·32	67·32	66·99	66·74	66·90	68·32	68·57	68·40
8	68·15	70·07	70·15	69·40	68·32	67·32	66·90	66·65	66·90	68·74	68·57	68·32
9	68·57	69·90	70·32	69·32	68·24	67·24	67·07	66·65	66·90	68·74	68·65	68·74
10	68·74	69·74	70·49	69·24	68·24	67·07	67·07	66·57	67·40	68·15	68·65	68·49
11	68·90	69·65	70·74	69·24	68·24	66·99	66·90	66·49	67·74	67·57	68·74	68·49
12	68·99	69·57	70·57	69·24	68·07	67·07	66·74	66·32	67·82	67·74	68·57	67·99
13	68·99	69·40	70·57	69·24	68·07	66·90	66·57	66·32	67·57	68·24	68·74	68·15
14	68·90	69·40	70·40	69·24	68·07	66·90	66·57	66·57	67·40	68·57	68·57	68·74
15	68·57	69·15	70·40	69·15	68·07	67·07	66·57	66·49	67·40	69·57	68·24	68·57
16	68·57	68·99	70·24	69·07	68·15	66·99	66·57	66·57	67·40	69·65	67·74	68·99
17	68·40	69·07	70·24	68·99	68·15	66·90	66·57	66·57	67·07	69·07	67·99	68·40
18	68·40	69·07	70·07	68·99	68·07	67·07	66·57	66·24	67·07	69·07	67·99	68·74
19	68·32	69·07	69·90	69·07	67·99	67·24	66·65	66·15	67·07	69·32	67·99	68·74
20	68·57	69·07	69·90	69·07	67·90	67·32	66·65	66·07	67·24	69·21	67·90	68·57
21	68·65	69·07	69·90	68·99	67·82	67·32	66·65	66·40	67·57	69·32	67·74	68·32
22	68·90	69·07	69·74	68·99	67·74	67·24	66·57	66·65	67·74	69·65	67·57	68·32
23	68·82	69·07	69·82	68·90	67·74	67·07	66·57	66·90	67·74	69·82	68·49	68·49
24	68·82	69·07	69·65	68·99	67·74	66·99	66·40	66·99	67·90	69·82	68·57	68·49
25	68·74	68·90	69·65	68·74	67·74	67·07	66·32	66·99	67·99	69·74	68·15	68·40
26	68·82	68·74	69·65	68·74	67·65	67·07	66·24	67·07	67·99	69·99	67·90	68·32
27	69·15	68·74	69·74	68·65	67·57	66·90	66·15	66·40	68·07	69·74	67·99	68·49
28	69·40	68·65	69·74	68·65	67·57	66·90	66·15	65·99	67·82	69·07	67·99	68·57
29	69·74	68·90	69·74	68·74	67·57	66·90	66·49	66·57	67·65	68·74	.....	68·24
30	70·15	68·57	69·90	68·90	67·57	66·82	66·49	66·82	68·07	68·74	.....	68·24
31	.....	68·49	.....	68·99	67·57	.....	66·49	.....	68·07	68·74	.....	68·32

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1890–91.

TABLE No. 653.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·57	70·49	71·74	70·49	68·99	67·57	67·90	67·65	67·65	68·57	67·32	68·74
2	68·40	70·57	71·74	70·49	68·99	68·49	67·82	67·74	67·49	68·32	66·82	68·74
3	68·32	70·65	71·82	70·49	68·99	68·49	67·82	67·65	67·07	68·15	66·90	68·40
4	68·32	70·74	71·65	70·49	68·99	68·40	67·82	67·74	67·49	68·32	66·99	68·40
5	68·90	70·74	71·90	70·40	68·90	68·32	67·82	67·74	67·49	68·74	67·07	68·32
6	69·24	70·90	71·99	70·32	69·07	68·24	67·74	67·65	67·90	69·32	66·99	67·99
7	69·65	71·24	71·99	70·24	68·99	68·24	67·57	67·65	68·24	69·07	67·65	67·90
8	69·65	71·40	71·99	70·24	68·90	68·24	67·82	67·65	68·49	68·99	67·74	67·90
9	69·74	71·40	71·99	70·07	68·82	68·15	67·82	67·74	68·15	69·15	67·74	67·40
10	69·90	71·40	71·74	69·99	68·74	68·07	67·74	67·74	68·15	69·15	67·90	67·65
11	69·99	71·40	71·57	69·99	68·57	68·24	67·74	67·74	67·90	69·24	67·65	68·15
12	70·07	71·32	71·40	69·90	68·49	68·40	67·74	67·82	67·65	69·07	67·90	68·15
13	70·15	71·32	71·40	69·90	68·57	68·57	67·74	67·82	67·74	68·32	67·99	68·40
14	70·15	71·24	71·40	69·90	68·49	68·82	67·74	67·74	67·74	67·99	67·90	68·74
15	70·49	71·24	71·57	69·74	68·49	68·90	67·74	67·65	68·15	68·24	67·74	68·65
16	70·57	71·24	71·74	69·65	68·40	68·99	67·74	67·74	68·15	68·32	67·74	68·57
17	70·40	71·24	71·82	69·65	68·32	68·74	67·65	67·74	68·74	67·99	67·40	68·57
18	70·40	71·15	71·82	69·57	68·32	68·65	68·07	67·74	68·74	68·32	67·32	68·74
19	70·32	71·07	71·90	69·57	68·24	68·49	67·90	67·99	68·74	68·74	67·24	68·32
20	70·15	71·57	71·74	69·40	68·24	68·49	67·74	68·49	68·57	68·57	67·32	68·15
21	70·24	71·57	71·65	69·24	68·24	68·40	67·74	68·40	69·07	68·49	67·74	67·99
22	70·24	71·74	71·40	69·24	68·24	68·32	67·74	68·32	69·32	68·49	67·90	67·99
23	70·24	71·82	71·32	69·24	68·24	68·32	67·65	68·24	69·49	68·07	67·74	68·07
24	69·99	71·82	71·32	69·24	68·24	68·24	67·65	68·15	69·49	67·99	67·90	68·99
25	69·99	71·49	71·24	69·15	68·24	68·15	67·57	67·99	69·24	67·32	67·99	69·74
26	69·99	71·49	70·99	69·15	68·32	68·07	67·57	68·15	68·90	66·99	68·15	70·07
27	70·15	71·40	70·74	69·07	68·32	68·07	67·57	67·99	68·65	66·99	68·99	69·99
28	70·15	71·49	70·74	69·07	68·24	68·07	67·57	67·74	68·57	67·07	68·90	69·82
29	70·15	71·49	70·65	69·07	68·24	68·07	67·57	67·74	68·40	67·90	.....	69·74
30	70·32	71·49	70·65	69·07	68·32	67·99	67·57	67·82	68·57	68·07	.....	69·82
31	.....	71·74	.....	69·07	68·24	.....	67·57	.....	68·32	67·57	.....	69·99

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1891–92.

TABLE No. 654.

1	69·99	71·57	69·57	67·99	67·99	67·40	66·74	66·57	66·90	66·74	67·49	65·65
2	69·99	71·57	69·49	67·99	68·07	67·40	66·65	66·32	66·99	67·24	66·99	65·82
3	69·99	71·74	69·40	67·99	67·99	67·40	66·57	66·07	66·99	66·99	66·74	65·57
4	69·99	71·74	69·24	67·99	67·99	67·40	66·57	65·99	66·82	66·90	66·40	65·99
5	69·90	71·65	69·15	68·15	67·90	67·24	66·57	65·82	67·32	66·74	66·24	65·74
6	69·82	71·57	69·07	68·24	67·82	67·24	66·57	65·82	67·40	66·74	66·15	65·90
7	69·82	71·57	69·07	68·07	67·82	67·32	66·40	65·74	67·32	66·90	66·57	65·74
8	69·74	71·49	69·07	67·99	67·82	67·32	66·32	65·65	67·32	67·07	66·57	65·49
9	69·49	71·40	68·99	67·90	67·82	67·24	66·40	65·65	67·32	67·82	66·24	65·32
10	69·32	71·24	68·99	67·90	67·82	67·15	66·32	65·65	67·32	68·24	66·32	65·24
11	69·24	71·15	68·99	67·90	67·82	67·15	66·32	65·90	67·32	68·32	66·15	65·24
12	69·65	71·07	68·74	67·82	67·74	67·07	66·32	65·99	67·24	68·57	66·15	65·24
13	69·90	71·07	68·74	67·82	67·74	67·15	66·24	65·90	67·24	67·74	65·99	65·57
14	70·07	70·99	68·74	67·82	67·65	67·15	66·15	65·90	67·07	67·32	65·99	65·82
15	69·99	70·90	68·74	67·82	67·57	67·07	66·32	65·82	66·90	67·32	65·90	66·24
16	70·15	70·90	68·65	67·82	67·57	67·07	66·40	65·82	66·82	67·74	65·82	66·07
17	70·65	70·90	68·65	67·82	67·57	67·07	66·40	66·15	66·74	68·32	65·99	65·74
18	70·74	70·74	68·49	67·90	67·57	67·07	66·40	66·24	66·57	68·82	66·07	65·65
19	70·74	70·57	68·40	67·99	67·49	66·99	66·24	66·15	66·99	68·57	65·90	65·57
20	70·90	70·49	68·32	67·90	67·49	66·90	66·24	66·15	67·32	68·32	65·74	65·32
21	71·07	70·49	68·24	67·90	67·40	66·90	66·32	66·07	67·24	68·32	65·40	65·57
22	71·07	70·32	68·32	67·90	67·49	66·90	66·32	66·07	66·99	68·24	65·32	65·57
23	71·32	70·15	68·40	67·90	67·65	66·90	66·24	66·07	66·82	68·24	65·07	65·40
24	71·32	70·15	68·40	68·07	67·74	66·90	66·24	65·82	66·74	68·24	65·15	65·32
25	71·40	70·07	68·32	67·99	67·74	66·82	66·24	65·90	66·74	68·15	64·99	65·32
26	71·49	70·07	68·24	67·99	67·74	66·82	66·24	66·07	66·82	67·90	64·90	65·57
27	71·57	70·15	68·15	67·99	67·74	66·82	66·15	66·07	67·15	67·49	64·99	65·57
28	71·99	69·99	68·07	68·07	67·57	66·74	66·07	65·99	66·90	67·32	64·99	65·57
29	71·57	69·90	67·99	68·07	67·49	66·74	65·99	65·99	66·90	67·24	65·15	65·57
30	71·57	69·82	67·99	67·15	67·40	66·74	66·07	65·99	66·90	67·24	.....	65·57
31	.....	69·74	.....	68·15	67·40	.....	66·15	.....	66·82	67·24	.....	65·82

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1892–93.

TABLE No. 655.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	65·90	67·49	68·24	69·49	67·57	67·74	67·15	66·57	66·90	68·32	65·82	64·90
2	66·24	67·49	68·24	69·49	67·57	67·57	67·07	66·57	67·15	68·07	65·90	64·99
3	66·90	67·49	68·07	69·49	67·65	67·57	66·90	66·57	67·07	67·24	65·82	64·99
4	68·40	67·65	67·90	69·57	67·57	67·49	66·90	66·99	66·99	66·99	65·82	65·24
5	68·82	67·65	68·07	69·57	67·57	67·40	66·90	66·99	67·07	67·32	65·99	65·40
6	69·82	67·65	68·24	69·49	67·57	67·24	66·82	66·99	67·15	67·32	65·99	65·15
7	69·99	67·65	68·24	69·32	67·57	67·15	66·82	66·74	66·90	67·07	65·99	65·32
8	69·90	67·57	68·24	69·15	67·57	67·07	66·99	67·24	66·74	67·57	66·07	65·24
9	69·74	67·57	68·24	68·99	67·57	67·07	66·90	67·07	66·90	67·65	66·24	65·24
10	69·57	67·57	68·15	68·82	67·74	67·07	66·90	67·07	66·90	67·65	66·65	65·32
11	69·40	67·65	68·24	68·74	67·74	67·07	66·90	66·99	67·24	67·32	66·32	65·32
12	68·90	67·65	68·90	68·65	67·74	67·07	66·90	66·90	67·32	67·07	65·99	65·49
13	68·65	67·74	68·24	68·57	67·99	67·15	66·74	66·74	67·07	67·49	65·90	65·82
14	68·40	67·82	68·24	68·49	68·07	67·32	66·74	66·74	66·99	67·40	65·74	66·15
15	68·15	67·82	68·24	68·40	68·07	67·24	66·74	66·65	66·99	67·99	65·32	66·15
16	68·07	68·07	68·24	68·32	68·07	67·24	66·74	66·57	66·99	67·90	65·24	65·82
17	67·82	67·99	67·99	68·24	67·99	67·15	66·65	66·82	66·90	67·90	65·32	66·07
18	67·74	67·90	67·90	68·15	67·90	67·07	66·57	66·99	66·74	67·90	65·49	65·99
19	67·57	67·65	67·90	68·07	67·99	67·07	66·74	67·49	66·90	67·74	65·74	66·07
20	67·57	67·65	68·57	67·99	67·74	67·07	66·74	67·57	66·90	67·40	65·57	66·07
21	67·40	67·57	69·65	67·90	67·65	66·90	66·74	67·74	66·74	67·32	65·24	66·15
22	67·24	67·74	69·90	67·90	67·57	66·90	66·74	67·90	66·57	67·49	65·32	66·15
23	67·24	67·82	69·40	67·90	67·57	66·90	66·74	67·82	66·57	67·40	65·57	66·32
24	67·32	68·24	69·07	67·90	67·40	66·99	66·65	67·57	66·57	67·40	65·65	66·57
25	67·40	68·24	69·07	67·99	67·32	67·07	66·57	67·32	66·74	67·32	65·65	66·32
26	67·40	68·15	68·99	67·99	66·99	67·15	66·57	67·32	66·57	67·15	65·90	66·82
27	67·32	68·24	68·74	67·82	68·74	67·24	66·57	66·99	66·57	67·07	65·82	66·90
28	67·40	68·24	69·07	67·74	68·74	67·32	66·57	66·99	66·90	66·82	65·57	67·32
29	67·40	68·32	69·24	67·65	68·49	67·24	66·57	66·74	67·32	66·74	.....	67·32
30	67·65	68·24	69·32	67·65	68·07	67·15	66·57	66·57	68·07	65·65	.....	67·15
31	.....	68·24	.....	67·65	67·90	.....	66·49	.....	68·24	65·82	.....	67·32

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1893–94.

TABLE No. 656.

1	67·40	69·24	71·65	69·49	68·32	69·15	66·99	66·99	66·82	67·99	68·24	65·74
2	67·40	69·07	71·57	69·40	68·32	68·90	66·99	66·99	66·74	67·99	68·32	65·32
3	67·82	69·24	71·32	69·40	68·24	68·57	66·99	67·32	66·57	68·40	68·40	65·32
4	67·82	69·49	71·40	69·32	68·24	68·49	66·99	67·07	66·40	68·82	68·57	65·32
5	67·65	70·32	71·32	69·24	68·15	68·07	66·99	66·99	66·32	68·90	68·40	65·57
6	67·90	71·15	71·40	69·24	68·15	67·90	67·07	66·99	66·90	68·72	68·24	65·99
7	67·82	71·24	71·40	69·24	68·15	67·90	67·07	66·90	66·99	68·82	68·15	65·99
8	67·74	71·24	71·32	69·15	68·07	67·82	67·07	66·74	67·07	68·57	68·24	67·90
9	67·90	71·24	71·32	69·07	67·99	67·74	67·24	66·74	66·57	68·82	66·40	68·07
10	68·24	71·15	71·32	69·07	67·99	67·65	66·99	66·74	66·65	68·57	66·32	68·07
11	68·24	71·07	70·99	69·07	67·74	67·49	66·99	66·65	66·40	68·40	66·24	68·32
12	68·32	70·99	71·32	68·99	67·74	67·40	66·82	66·57	66·32	68·24	65·99	68·57
13	68·32	70·90	70·99	68·90	67·65	67·24	66·82	66·57	66·07	68·24	65·99	68·57
14	68·57	70·99	70·90	68·82	67·65	67·24	67·32	66·74	66·32	68·40	65·99	69·07
15	68·40	71·07	70·74	68·74	67·57	67·40	67·32	66·82	67·32	68·57	65·99	69·07
16	68·40	71·07	70·65	68·74	67·57	67·40	67·15	66·82	67·24	68·82	66·40	68·99
17	68·40	71·07	70·65	68·74	67·57	67·49	67·07	66·90	67·32	68·57	66·40	68·90
18	68·57	71·49	70·57	68·74	67·49	67·49	66·90	66·99	67·65	68·24	66·57	68·82
19	68·99	72·24	70·32	68·74	67·49	67·49	66·82	66·74	67·99	68·24	66·65	68·99
20	68·65	72·49	70·24	68·74	67·49	67·57	66·82	66·65	67·99	68·24	66·40	69·32
21	66·82	72·65	70·07	68·74	67·40	67·57	66·82	66·65	68·07	68·24	65·99	69·24
22	66·82	72·65	70·07	68·65	67·40	67·40	66·90	66·74	68·49	68·24	66·15	69·15
23	67·24	72·99	70·07	68·65	67·49	67·40	66·99	66·74	68·32	68·15	66·32	69·40
24	67·24	72·90	69·90	68·65	67·49	67·40	66·90	66·74	68·40	68·07	65·74	69·40
25	69·15	72·57	69·82	68·65	67·74	67·32	66·82	66·57	67·74	67·57	66·07	69·32
26	69·15	72·24	69·74	68·57	67·74	67·32	66·74	66·40	67·99	67·40	66·49	69·32
27	69·07	72·24	69·74	68·57	68·07	67·32	66·90	66·24	68·49	67·90	66·65	69·32
28	69·07	72·24	69·74	68·57	68·24	67·24	67·07	66·24	68·24	67·90	66·15	69·24
29	69·07	72·07	69·74	68·40	68·74	67·07	67·07	66·65	68·40	67·99	.....	69·07
30	69·07	71·90	69·65	68·40	69·24	66·99	67·07	66·99	68·49	67·90	.....	68·57
31	.....	71·90	.....	68·32	69·24	.....	66·99	.....	67·99	67·90	.....	68·57

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1894–95.

TABLE No. 657.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·65	70·74	69·74	69·07	67·74	66·74	66·49	66·74	66·07	67·99	66·99	64·90
2	68·65	70·74	69·74	69·07	67·65	66·90	66·49	66·74	66·32	68·15	66·99	64·57
3	68·57	70·57	69·99	68·99	67·57	66·74	66·49	66·89	66·15	68·40	67·07	64·90
4	68·40	70·57	69·99	69·24	67·57	66·57	66·57	67·24	66·24	68·40	67·07	64·65
5	68·24	70·57	69·90	69·07	67·57	66·57	66·57	67·24	66·24	68·15	67·07	64·40
6	68·40	70·99	69·90	69·07	67·57	66·57	66·57	67·24	66·24	68·15	66·24	64·65
7	68·24	71·07	69·99	68·99	67·49	66·57	66·65	67·07	66·24	68·15	65·65	65·24
8	68·24	71·07	69·74	68·90	67·40	66·49	66·65	66·99	66·15	68·15	65·24	65·07
9	68·24	70·90	69·57	68·90	67·40	66·57	66·65	66·90	65·82	68·15	65·65	65·07
10	68·15	70·74	69·40	68·74	67·32	66·74	66·74	66·90	65·90	68·15	65·99	65·07
11	67·99	70·57	69·24	68·74	67·32	66·65	66·74	66·90	66·07	67·90	66·24	65·24
12	67·82	70·57	69·24	68·74	67·24	66·57	66·74	66·90	66·15	67·57	65·90	65·07
13	67·99	70·49	69·24	68·74	67·24	66·49	66·82	66·90	66·40	67·24	65·57	65·07
14	68·07	70·24	69·07	68·74	67·15	66·40	66·89	67·07	66·82	66·32	65·07	64·90
15	68·24	70·07	69·07	68·82	67·15	66·40	66·89	67·07	66·82	66·07	65·24	64·82
16	68·24	69·90	69·15	68·74	67·15	66·57	66·89	67·07	66·82	66·24	65·24	65·15
17	68·24	69·74	69·15	68·40	66·99	66·57	67·07	67·32	66·90	65·99	65·15	65·24
18	68·32	69·74	69·24	68·24	66·90	66·57	67·07	67·07	66·90	66·32	65·07	65·32
19	69·40	69·40	69·24	68·15	66·82	66·40	66·89	66·89	66·57	66·65	64·90	65·07
20	69·40	69·24	69·24	68·15	66·74	66·40	66·74	66·89	66·65	67·15	64·82	65·32
21	69·40	69·07	69·24	68·24	66·99	66·40	66·74	66·74	66·57	67·74	65·24	65·24
22	69·40	69·57	69·24	68·24	66·90	66·57	66·74	66·74	66·57	67·74	65·24	65·07
23	69·57	69·57	69·24	67·90	66·90	66·74	66·74	66·82	66·40	67·90	64·82	64·90
24	69·99	69·57	69·24	67·90	66·90	66·74	66·82	66·82	66·40	66·74	65·57	64·90
25	70·07	69·57	69·24	67·90	66·90	66·74	66·82	66·65	66·40	66·99	65·57	65·07
26	70·24	69·74	69·24	67·90	66·99	66·74	66·82	66·65	66·40	66·99	65·15	64·99
27	70·49	69·74	69·32	67·90	66·99	66·74	66·82	66·65	65·57	67·15	65·15	65·24
28	70·57	69·74	69·32	67·90	66·99	66·74	66·82	66·40	65·57	66·90	65·15	65·57
29	70·74	69·74	69·40	67·90	66·57	66·57	66·82	66·07	65·82	66·90	.....	65·90
30	70·74	69·74	69·40	67·90	66·49	66·57	66·65	66·07	66·82	66·90	.....	66·99
31	.....	69·74	.....	67·74	66·40	.....	66·74	.....	67·49	66·90	.....	.....

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1895–96.

TABLE No. 658.

1	65·74	68·99	68·15	67·24	66·24	65·99	65·74	64·99	65·40	68·57	68·40	66·49
2	65·90	68·99	68·24	67·07	66·15	65·99	65·65	64·99	65·24	68·90	68·40	66·32
3	65·90	69·07	68·32	67·07	66·07	65·74	65·57	64·99	65·57	68·90	68·49	66·40
4	66·15	69·07	68·32	66·90	66·07	65·74	65·49	64·82	65·40	68·24	68·24	66·40
5	66·24	68·99	68·32	66·82	65·99	65·82	65·32	64·82	65·74	66·65	67·74	66·40
6	66·39	69·07	68·32	66·74	65·90	65·74	65·32	64·82	65·74	66·15	67·74	66·49
7	66·57	69·07	68·15	66·65	66·07	65·65	65·15	64·82	65·74	66·82	67·49	66·49
8	66·90	69·15	68·24	66·65	66·07	65·65	65·49	64·74	65·82	66·82	66·90	66·49
9	67·40	69·32	68·24	66·74	65·99	65·65	65·24	64·65	65·74	66·82	66·99	66·49
10	68·90	69·40	68·24	66·57	65·99	65·57	65·24	65·07	65·57	67·82	66·99	66·57
11	68·57	69·49	68·15	66·40	65·99	65·65	65·07	65·07	65·40	68·15	67·24	66·99
12	68·90	69·57	68·15	66·32	65·99	65·65	65·24	65·07	65·40	68·40	66·99	66·74
13	68·57	69·57	68·15	66·32	65·99	65·57	65·07	65·07	65·65	68·65	66·99	66·74
14	68·90	69·40	68·15	66·32	65·99	65·57	64·99	65·07	66·40	68·74	66·99	66·90
15	69·07	69·24	68·07	66·32	65·99	65·57	64·99	65·15	67·24	68·49	66·90	66·57
16	69·65	69·24	68·07	66·24	65·99	65·40	64·90	65·24	67·24	68·32	67·07	66·40
17	69·65	69·24	67·99	66·24	65·90	65·40	65·07	65·32	67·24	68·74	67·07	66·07
18	69·32	69·07	67·90	66·24	66·07	65·40	65·15	65·24	67·24	68·74	66·99	66·07
19	69·15	69·07	67·90	66·15	65·99	65·40	65·15	65·24	66·32	68·57	66·99	65·90
20	69·07	68·99	67·90	66·07	66·07	65·32	65·24	65·32	65·74	68·49	67·15	65·65
21	68·99	68·82	67·82	66·07	66·07	65·32	65·24	64·99	65·49	68·15	67·15	65·40
22	69·07	68·74	67·74	66·07	66·15	65·40	65·24	64·82	65·74	67·74	67·15	65·65
23	69·15	68·65	67·65	66·07	66·15	65·90	65·65	64·74	65·99	67·40	67·49	65·24
24	69·24	68·57	67·65	66·07	66·32	65·57	65·05	64·74	66·32	67·40	67·65	65·32
25	69·32	68·49	67·49	66·07	66·40	65·24	65·05	64·74	66·32	67·49	67·57	65·49
26	69·40	68·40	67·24	65·90	66·07	65·24	65·05	65·32	66·15	67·74	67·24	65·49
27	69·32	68·24	67·40	65·90	66·07	65·24	64·99	65·82	66·49	67·82	67·32	65·32
28	69·24	68·15	67·40	65·99	65·99	65·24	65·24	65·82	67·15	67·90	67·24	65·32
29	69·15	68·15	67·40	65·90	65·99	65·24	65·15	65·82	67·40	67·90	66·90	65·74
30	69·07	68·07	67·32	66·07	66·07	65·40	65·15	65·90	67·32	68·32	...	65·65
31	.....	67·99	.....	66·24	66·07	.....	64·90	.....	68·32	67·57	...	65·74

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1896–97.

TABLE No. 659.

Day.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	66·65	70·24	68·57	67·40	66·74	66·15	65·82	65·90	67·15	66·40	67·65	65·57
2	67·15	70·07	68·57	67·40	66·74	66·15	65·74	65·82	66·99	66·57	67·15	65·74
3	67·57	70·07	68·40	67·40	66·74	66·07	65·82	65·65	66·82	66·65	66·49	65·74
4	67·57	70·24	68·24	67·07	66·74	66·07	65·82	65·57	66·82	66·07	66·40	65·49
5	67·57	70·15	68·15	67·07	66·74	65·99	65·65	65·74	66·90	65·99	66·57	65·65
6	67·32	70·07	68·24	67·07	66·74	65·99	65·57	66·24	66·90	65·99	66·74	65·57
7	67·32	69·90	68·40	67·07	66·74	66·32	65·82	66·24	66·90	66·07	67·24	65·49
8	67·32	69·99	68·40	67·24	66·74	66·24	65·90	66·57	66·82	66·65	65·74	65·24
9	67·40	69·90	68·49	67·15	66·65	66·07	66·07	66·49	66·74	66·99	65·74	65·32
10	67·90	69·90	68·57	67·15	66·57	66·07	65·90	66·49	66·65	67·40	65·74	65·40
11	68·40	69·90	68·57	67·15	66·57	65·90	65·57	66·49	66·65	67·32	65·74	65·49
12	68·99	69·82	68·57	67·15	66·57	65·90	65·57	66·65	66·57	67·32	65·65	65·99
13	69·49	69·65	68·49	67·15	66·49	65·74	65·57	66·57	66·57	67·24	65·57	65·82
14	70·24	69·49	68·49	67·24	66·40	65·74	65·57	66·74	66·57	67·40	65·90	65·99
15	70·82	69·57	68·40	67·15	66·32	65·74	65·65	66·90	66·49	67·32	66·40	65·82
16	71·24	69·57	68·32	67·15	66·49	65·65	65·82	66·74	66·15	67·49	66·49	65·99
17	71·40	69·49	68·24	66·99	66·65	65·65	65·74	66·74	66·24	67·49	65·99	66·40
18	71·57	69·40	68·24	66·99	66·49	65·74	65·74	66·74	66·49	66·49	65·74	66·32
19	71·57	69·32	68·15	66·99	66·40	65·74	65·74	66·82	66·57	65·99	65·49	65·90
20	71·49	69·07	68·07	66·99	66·40	66·00	65·74	66·74	66·40	65·74	65·49	65·99
21	71·49	69·07	67·99	67·07	66·40	65·89	65·90	66·74	66·82	66·32	65·49	66·24
22	71·49	68·90	68·07	67·07	66·40	65·82	65·74	66·74	66·32	66·40	65·74	66·74
23	71·49	68·82	67·82	67·07	66·40	65·82	65·82	66·82	66·32	66·32	65·57	66·90
24	71·40	68·74	67·65	66·90	66·40	65·82	65·90	66·82	66·32	66·49	65·57	67·40
25	71·24	68·57	67·65	66·99	66·40	65·82	65·99	66·82	66·32	66·24	65·57	67·32
26	71·07	68·57	67·65	66·90	66·24	65·82	65·90	66·82	67·49	66·15	65·57	67·40
27	70·99	68·57	67·65	66·90	66·24	65·99	65·82	66·82	67·82	66·57	65·57	67·40
28	71·24	68·49	67·57	66·90	66·24	65·90	65·65	67·24	68·32	67·32	65·65	67·49
29	70·74	68·57	67·57	66·82	66·40	65·74	65·65	67·24	67·99	67·40	.....	67·49
30	70·57	68·57	67·49	66·74	66·15	65·82	65·65	67·24	66·99	67·24	.....	67·65
31	.....	68·57	.....	66·74	66·15	.....	65·90	.....	66·24	67·32	.....	67·74

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1897–98.

TABLE No. 660.

1	67·90	70·40	70·24	68·32	67·90	66·99	65·99	65·57	66·15	67·57	67·24	66·57
2	67·90	70·40	69·99	68·24	67·82	66·99	65·99	65·40	66·32	66·99	66·90	66·57
3	67·90	70·49	69·57	68·24	67·74	66·90	65·90	65·57	66·07	67·24	66·90	66·74
4	67·90	70·74	69·57	68·15	67·57	66·82	65·90	65·65	66·15	67·40	67·24	66·74
5	67·90	70·82	69·57	68·07	67·49	66·82	65·90	65·74	66·15	67·49	67·74	66·57
6	68·15	70·90	69·57	68·07	67·40	66·74	65·99	66·07	65·99	67·82	68·07	66·57
7	68·15	70·90	69·49	67·99	67·40	66·74	65·90	66·15	65·99	67·32	67·90	66·57
8	68·15	70·65	69·40	67·90	67·32	66·74	65·90	66·15	65·99	67·07	67·40	66·49
9	68·15	70·65	69·40	67·82	67·32	66·74	65·90	65·65	66·07	66·65	67·24	66·32
10	67·99	70·65	69·40	67·74	67·24	66·74	65·74	65·90	66·15	66·90	66·40	66·32
11	67·90	70·57	69·40	67·65	67·15	66·65	65·65	65·90	66·07	66·99	66·32	66·32
12	67·90	70·57	69·40	67·65	67·24	66·65	65·90	65·90	66·24	67·32	66·57	66·57
13	67·90	70·49	69·40	67·82	67·24	66·57	65·90	66·49	66·32	67·49	66·99	68·07
14	67·90	70·40	69·40	67·82	67·24	66·49	65·90	66·32	66·24	68·15	66·99	69·15
15	67·90	70·24	69·40	67·74	67·32	66·49	66·24	65·90	66·57	68·24	67·15	70·24
16	67·90	70·15	69·40	67·74	67·40	66·49	65·99	65·90	67·15	68·07	66·90	70·32
17	68·07	70·07	69·32	67·65	67·40	66·40	65·90	65·99	67·32	68·07	66·07	69·99
18	68·32	69·99	69·32	67·49	67·40	66·40	65·90	65·99	67·24	68·07	66·15	70·57
19	68·90	69·90	69·24	67·40	67·40	66·32	65·90	65·99	66·99	67·99	66·57	70·57
20	68·74	69·90	69·15	67·40	67·32	66·24	65·57	65·90	66·82	67·57	67·07	70·57
21	68·82	69·99	69·07	67·40	67·24	66·15	65·57	65·90	66·90	67·57	66·57	70·49
22	68·57	70·07	68·99	67·40	67·15	66·07	65·49	65·82	66·99	67·74	66·32	69·99
23	68·57	70·15	68·90	67·40	67·07	66·15	65·65	65·82	67·07	67·74	66·57	69·82
24	68·57	70·24	68·82	67·32	66·99	66·24	65·74	65·90	67·07	67·82	67·07	69·49
25	68·65	70·24	68·74	67·32	67·07	66·24	65·74	65·90	66·74	67·90	66·82	69·24
26	68·74	70·32	68·74	67·24	67·07	66·24	65·74	65·99	66·90	68·07	66·90	69·32
27	69·07	70·32	68·65	67·15	67·07	66·24	65·74	66·15	67·57	67·74	66·82	69·24
28	69·74	70·24	68·49	67·49	67·07	66·24	65·65	66·32	67·49	67·82	66·57	69·40
29	70·07	70·57	68·40	67·65	67·07	65·99	65·74	66·24	68·07	67·82	.....	69·74
30	70·40	70·57	68·32	67·74	67·07	65·57	65·74	66·24	67·99	67·40	.....	69·90
31	.....	70·57	.....	67·82	66·99	.....	65·65	.....	67·65	67·21	.....	69·82

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1898–99.

TABLE No. 661.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·74	68·90	69·07	68·57	67·07	66·82	66·57	66·32	66·57	67·74	67·74	66·32
2	69·40	68·82	68·99	68·65	67·07	66·74	66·49	67·32	66·74	67·82	67·49	66·49
3	69·32	68·57	68·90	68·57	67·15	66·65	66·40	67·32	66·82	68·15	67·65	66·32
4	69·24	68·74	68·90	68·57	67·24	66·57	66·40	67·32	66·57	68·15	67·82	66·32
5	68·99	68·74	68·90	68·40	67·24	66·57	66·40	67·40	66·15	67·90	67·82	66·24
6	69·07	68·74	68·82	68·40	67·24	66·57	66·40	67·49	66·90	67·82	67·49	66·24
7	68·99	68·74	68·74	68·32	67·24	66·57	66·40	67·49	66·82	67·57	67·40	66·40
8	68·82	68·82	68·65	68·32	67·15	66·57	66·32	67·24	66·90	67·40	67·32	66·57
9	68·74	68·57	68·57	68·32	67·07	66·65	66·32	67·07	66·90	67·24	66·90	66·65
10	68·65	68·49	68·57	68·24	67·07	66·82	66·24	66·82	66·90	66·99	66·99	66·74
11	68·57	68·49	68·49	68·15	67·07	66·99	66·24	66·74	67·24	66·40	66·99	66·57
12	68·49	68·65	68·49	68·07	66·99	66·57	66·24	66·65	67·24	66·82	66·90	66·49
13	68·40	68·65	68·49	67·90	66·99	66·57	66·24	66·82	67·07	66·99	66·99	66·49
14	68·24	68·65	68·49	67·74	66·99	66·49	66·15	66·99	66·82	67·32	67·32	66·82
15	68·15	68·65	68·49	67·65	66·99	66·49	66·15	66·99	66·99	67·65	67·15	66·99
16	68·15	68·57	68·40	67·57	66·99	66·49	66·57	67·07	66·99	67·40	67·40	67·32
17	68·24	68·57	68·40	67·57	66·99	66·49	66·32	67·07	67·32	67·07	66·49	67·15
18	68·24	68·57	68·40	67·57	67·07	66·49	66·49	67·07	67·32	66·65	65·99	66·90
19	68·40	68·57	68·40	67·57	67·07	66·49	66·57	67·07	67·24	66·82	65·90	66·99
20	68·49	68·49	68·32	67·49	66·99	66·49	66·99	67·40	67·65	67·49	65·82	66·57
21	68·57	68·49	68·32	67·49	66·99	66·40	66·99	67·24	67·74	68·32	65·82	66·57
22	68·74	68·49	68·32	67·49	66·90	66·40	66·99	67·15	67·65	67·49	65·90	66·82
23	68·82	68·49	68·32	67·40	66·82	66·40	67·15	67·15	67·07	67·24	65·99	66·82
24	68·74	68·57	68·32	67·40	66·82	66·49	67·24	67·15	66·99	67·07	66·07	67·15
25	68·65	68·57	68·24	67·40	66·82	66·57	67·15	67·24	67·49	66·90	66·57	66·99
26	68·57	68·74	68·49	67·40	66·82	66·65	67·57	67·49	67·74	66·90	66·99	66·57
27	68·74	68·74	68·40	67·32	66·82	66·74	67·82	66·90	67·40	67·24	66·99	66·57
28	68·74	68·74	68·40	67·32	66·82	66·74	67·24	66·74	66·99	66·90	66·40	66·65
29	68·74	69·07	68·40	67·24	66·82	66·57	67·24	66·74	66·74	67·65	.....	66·65
30	68·82	69·15	68·49	67·24	66·82	66·49	67·32	66·74	67·15	67·49	.....	66·74
31	.....	69·07	.....	67·15	66·82	.....	67·24	.....	67·32	67·57	.....	67·07

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1899–1900.

TABLE No. 662.

1	67·24	70·90	69·75	68·32	67·57	66·24	66·57	66·49	65·91	66·65	68·24	67·24
2	67·07	70·99	69·75	68·24	67·57	66·40	66·57	66·57	66·07	66·90	67·40	66·40
3	67·07	70·99	69·83	68·15	67·57	66·40	66·57	66·57	66·15	67·15	67·90	66·24
4	67·07	71·49	69·91	68·15	67·49	66·32	66·57	66·57	66·07	67·65	68·07	66·57
5	66·99	71·65	69·83	68·07	67·40	66·24	66·65	66·65	66·15	68·49	67·74	66·57
6	66·90	71·65	69·83	68·07	67·40	66·15	66·65	66·65	65·99	68·24	67·65	66·07
7	67·15	71·99	69·91	68·07	67·32	66·15	66·65	66·49	66·07	67·74	68·40	66·57
8	67·57	71·82	69·91	67·99	67·24	66·15	66·65	66·40	66·24	67·32	67·57	67·32
9	68·24	71·90	69·83	67·82	67·15	66·15	66·49	66·40	66·15	67·65	67·40	67·32
10	68·40	71·90	69·50	68·49	67·07	66·15	66·40	66·40	66·24	67·99	67·24	66·90
11	68·49	71·49	69·41	68·57	66·90	66·15	66·40	66·24	66·15	67·90	68·49	66·57
12	68·40	71·49	69·41	68·57	66·90	66·07	66·32	66·07	66·15	67·90	67·07	66·57
13	68·74	71·40	69·41	68·49	66·90	66·07	66·32	66·07	66·65	67·74	66·99	66·65
14	68·90	71·40	69·41	68·49	66·74	66·07	66·24	66·07	66·99	67·99	67·24	67·24
15	69·40	71·32	69·25	68·40	66·65	65·99	66·24	66·07	67·07	67·99	67·40	67·15
16	69·74	71·24	69·16	68·32	66·65	65·99	66·07	66·07	66·57	67·57	67·99	67·24
17	70·15	70·90	69·00	68·24	66·57	65·99	66·07	66·07	66·74	67·74	68·24	67·40
18	70·15	70·65	69·00	68·24	66·57	65·99	66·24	66·07	66·82	67·99	68·32	67·40
19	69·99	70·49	68·91	68·15	66·57	65·99	66·24	66·07	66·90	67·57	68·24	66·90
20	70·15	70·32	68·75	68·07	66·49	65·99	66·24	66·24	66·99	67·57	68·24	66·24
21	70·15	70·24	68·83	67·99	66·57	65·99	66·15	66·15	67·32	67·07	67·49	66·07
22	70·32	70·15	68·83	67·90	66·65	65·99	66·15	66·07	67·32	67·57	67·40	65·99
23	70·40	70·07	68·83	67·82	66·57	65·99	66·07	66·07	67·32	67·24	67·15	66·40
24	70·49	69·99	68·75	67·65	66·57	65·99	66·07	66·07	67·07	66·90	67·07	66·40
25	70·57	69·82	68·75	67·65	66·49	66·07	66·07	66·07	67·32	67·24	66·82	66·90
26	70·49	69·74	68·66	67·65	66·49	66·15	66·07	65·99	67·32	67·82	66·57	66·82
27	70·40	69·65	68·41	67·65	66·40	66·32	65·99	65·99	67·24	68·24	66·57	66·82
28	70·65	69·65	68·33	67·57	66·32	66·24	65·99	65·99	67·07	67·32	66·57	66·32
29	70·90	69·57	68·25	67·57	66·40	66·24	66·24	65·99	67·32	67·82	.....	66·82
30	70·57	69·90	68·25	67·57	66·40	66·40	66·24	65·99	66·74	67·24	.....	66·65
31	.....	69·82	.....	67·74	66·40	.....	66·24	.....	66·15	67·57	.....	66·74

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1900–01.

TALBE No. 663.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	66·82	70·24	68·90	67·99	68·24	67·24	66·90	66·40	67·40	67·57	67·74	66·24
2	67·49	70·07	69·07	67·90	68·24	67·15	66·90	66·74	67·40	67·07	67·74	66·24
3	68·07	69·90	69·49	67·65	68·24	67·15	66·90	66·90	67·32	66·99	67·90	66·15
4	68·40	69·90	69·90	67·74	68·24	67·07	66·90	66·74	67·24	67·49	67·90	65·82
5	68·40	69·90	69·74	67·74	68·24	67·07	66·90	66·74	67·32	67·65	67·65	65·74
6	68·99	69·90	69·49	67·74	68·24	67·07	66·90	66·74	67·40	68·07	67·90	65·74
7	69·07	69·74	69·24	67·90	68·15	66·99	66·90	66·74	67·49	68·57	67·99	65·90
8	69·82	69·74	69·07	67·90	68·15	66·90	66·74	66·74	67·74	68·65	68·24	65·82
9	69·82	69·65	69·07	68·07	68·15	66·74	66·74	66·74	67·74	68·57	67·74	65·82
10	69·57	69·74	69·15	68·24	68·15	66·74	66·74	66·74	67·49	67·65	67·90	65·74
11	69·24	69·90	69·24	68·24	67·90	66·90	66·82	66·74	67·24	67·57	68·24	65·65
12	69·07	69·74	68·99	68·24	67·90	66·90	66·90	66·74	67·40	67·24	67·74	65·40
13	68·90	69·74	68·74	68·24	67·74	66·82	66·90	66·74	67·24	67·57	67·40	65·40
14	68·74	69·65	68·74	68·24	67·74	66·82	66·90	66·74	67·49	67·74	67·24	65·74
15	68·82	69·65	68·57	68·32	67·74	66·90	66·90	66·74	67·99	68·07	67·07	65·74
16	68·90	69·40	68·49	68·57	67·82	66·99	66·99	66·57	68·24	68·15	67·24	66·32
17	68·99	69·32	68·40	68·74	67·82	66·99	67·07	66·57	67·90	67·74	67·15	66·15
18	69·07	69·24	68·24	68·90	67·74	66·90	66·90	66·40	67·57	66·32	66·99	66·24
19	69·57	69·40	68·24	69·07	67·74	66·90	66·74	66·74	67·49	66·65	66·65	66·40
20	69·74	69·40	68·15	69·07	67·57	66·99	66·74	67·07	67·24	66·32	66·15	65·82
21	69·99	69·40	68·15	68·90	67·40	67·07	66·74	68·24	67·15	66·65	65·99	65·82
22	70·15	69·40	68·15	68·90	67·40	67·24	66·74	68·40	66·99	67·24	66·24	66·07
23	70·40	69·40	68·07	68·74	67·40	67·07	66·65	68·74	66·99	67·74	66·07	66·40
24	70·40	69·15	68·07	68·57	67·40	67·07	66·65	68·57	66·90	67·90	66·24	66·57
25	70·49	69·15	67·90	68·57	67·40	67·07	66·65	68·40	67·07	68·49	66·07	66·57
26	70·49	69·07	67·90	68·57	67·40	66·99	66·65	67·49	67·24	68·40	65·99	66·90
27	70·57	69·07	67·90	68·57	67·40	66·57	66·65	67·49	67·32	67·99	65·99	68·07
28	70·57	68·90	67·90	68·57	67·24	66·99	66·65	67·24	67·32	67·65	65·90	68·32
29	70·57	68·90	67·99	68·40	67·24	66·90	66·65	67·24	67·49	67·57	.....	68·32
30	70·57	68·74	68·07	68·24	67·24	66·90	66·57	67·40	67·90	67·40	.....	68·15
31	.....	68·74	.....	68·24	67·24	.....	66·57	.....	67·57	66·65	.....	68·07

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1901–02.

TABLE No. 664.

1	67·99	71·32	69·40	68·24	67·24	66·91	66·41	66·41	66·07	66·40	67·24	64·65
2	67·82	71·24	69·57	68·24	67·15	66·83	66·50	66·41	66·07	66·82	67·24	65·32
3	67·90	71·07	69·74	68·07	67·07	66·83	66·50	66·41	66·24	67·82	67·24	66·40
4	68·15	70·90	69·82	67·90	66·99	66·91	66·58	66·33	66·15	68·07	66·90	67·15
5	68·90	70·74	69·82	67·90	66·90	66·91	66·50	66·25	66·15	68·49	67·07	68·07
6	69·74	70·57	69·82	67·74	66·90	66·91	66·66	66·16	66·15	68·49	67·07	67·90
7	70·40	70·49	69·82	67·74	67·07	66·91	66·58	66·08	66·07	68·49	66·57	67·74
8	70·90	70·49	69·82	67·82	66·99	66·91	66·50	66·08	66·74	68·49	66·15	67·74
9	71·15	70·40	69·74	67·82	66·99	66·75	66·41	66·00	66·99	68·40	66·24	67·57
10	71·40	70·24	69·65	67·74	66·99	66·58	66·41	65·91	66·32	68·32	65·82	67·15
11	71·40	70·24	69·57	67·74	66·99	66·50	66·41	65·91	66·32	68·24	65·82	67·15
12	71·15	70·24	69·49	67·65	66·90	66·41	66·50	65·91	66·24	68·24	65·74	67·15
13	70·74	70·24	69·24	67·65	66·82	66·41	66·41	66·25	66·24	68·07	65·99	67·65
14	70·49	70·24	69·07	67·65	66·74	66·66	66·41	66·41	66·49	67·82	65·99	68·99
15	70·32	69·90	68·90	67·65	66·90	66·75	66·41	66·41	68·32	67·74	65·82	69·07
16	70·24	69·74	68·82	67·49	66·90	66·89	66·41	66·50	68·57	67·65	66·15	69·24
17	70·24	69·82	68·74	67·40	66·90	66·83	66·41	66·58	68·15	67·57	65·40	69·65
18	69·99	69·74	68·40	67·40	66·90	67·00	66·58	68·58	68·15	67·57	65·40	70·49
19	69·99	69·74	68·57	67·40	66·65	66·91	66·91	66·25	68·40	67·82	65·40	70·65
20	69·90	69·65	68·74	67·40	66·65	66·75	66·91	66·25	68·40	67·74	65·15	70·15
21	69·99	69·65	68·65	67·32	66·65	66·75	66·91	66·16	68·99	67·90	65·15	69·57
22	69·99	69·65	68·57	67·24	66·74	66·75	66·75	66·16	68·74	67·82	65·15	69·74
23	70·32	69·65	68·74	67·07	66·74	66·75	66·75	66·16	68·82	67·82	65·40	69·57
24	70·90	69·65	68·74	67·07	66·90	66·66	66·58	65·75	68·99	67·74	65·07	69·82
25	71·07	69·49	68·74	66·99	66·90	66·50	66·50	66·00	68·07	67·57	64·99	69·99
26	71·24	69·32	68·74	66·99	66·74	66·25	66·41	65·91	67·99	68·24	64·82	70·07
27	71·15	69·32	68·57	66·90	66·74	66·25	66·50	65·83	67·07	67·90	64·57	69·99
28	71·32	69·32	68·49	66·90	66·65	66·33	66·25	65·83	66·82	68·15	64·65	69·82
29	71·15	69·24	68·40	67·07	66·57	66·33	66·25	65·91	66·82	68·15	.....	69·82
30	71·07	69·21	68·17	67·24	66·65	66·50	66·25	65·91	66·82	68·24	.....	69·74
31	.....	69·24	.....	67·24	66·65	.....	66·25	.....	66·82	67·49	.....	69·82

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1902–03.

TABLE NO. 665.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·65	69·49	69·32	68·82	67·99	67·40	66·65	66·99	67·74	69·24	67·15	66·90
2	70·65	69·49	69·32	68·74	68·07	67·40	66·74	66·99	67·57	69·24	67·57	67·82
3	70·65	69·57	69·40	68·65	68·24	67·40	66·74	66·99	67·49	68·07	67·65	67·82
4	70·40	69·57	69·49	68·74	68·15	67·40	66·74	66·90	67·40	67·40	67·15	67·74
5	70·15	69·57	69·49	68·74	68·15	67·32	66·74	66·90	67·07	67·07	67·07	67·32
6	69·65	69·65	69·49	68·74	68·07	67·32	66·90	66·90	67·07	67·24	67·07	67·32
7	69·90	69·74	69·49	68·74	67·99	67·24	66·90	66·90	67·07	67·32	67·65	67·32
8	69·65	69·82	69·57	68·74	67·99	67·24	66·90	66·99	66·90	67·32	67·99	67·24
9	69·07	69·82	69·57	68·74	68·07	67·07	66·90	66·99	67·07	67·15	67·82	67·49
10	69·24	69·82	69·57	68·65	68·07	67·07	66·90	66·90	67·07	67·32	67·57	67·82
11	69·40	69·82	69·48	68·65	67·99	67·15	66·90	66·90	67·57	66·90	67·74	67·90
12	69·40	69·82	69·40	68·65	67·90	67·15	66·90	66·82	68·07	67·74	67·32	68·74
13	69·74	69·74	69·24	68·57	67·82	67·07	66·90	66·90	67·90	67·74	67·32	69·40
14	69·65	69·65	69·15	68·57	67·82	67·40	66·90	66·99	67·49	67·82	67·40	69·65
15	69·49	69·65	69·15	68·57	67·74	67·24	67·15	67·15	67·90	68·32	67·74	69·74
16	69·32	69·65	69·15	68·74	67·74	67·07	66·99	67·32	68·32	68·24	68·07	69·65
17	69·32	69·48	69·40	68·40	67·65	66·99	66·90	67·32	68·24	68·24	67·74	69·65
18	69·32	69·32	69·24	68·57	67·57	66·90	66·90	66·14	67·65	67·40	67·40	69·74
19	69·24	69·32	69·24	68·40	67·40	66·90	66·90	67·24	67·65	66·57	67·40	70·24
20	69·15	69·15	69·15	68·40	67·57	66·90	67·07	67·74	67·74	66·74	67·40	70·40
21	69·07	69·15	68·90	68·40	67·57	66·90	66·90	67·49	67·90	66·90	67·74	70·57
22	69·07	69·07	68·99	68·40	67·57	66·90	66·82	67·74	67·74	68·32	67·90	70·65
23	69·07	69·07	68·99	68·32	67·57	66·90	66·82	67·74	67·32	68·32	67·74	70·74
24	69·40	69·07	68·90	68·15	67·57	66·74	66·82	67·74	67·82	68·24	67·57	71·07
25	69·24	69·07	68·74	68·15	67·57	66·65	66·82	67·65	67·90	67·40	67·40	71·32
26	69·24	69·07	68·99	68·15	67·57	66·57	66·82	67·40	67·74	67·40	66·40	71·32
27	69·32	69·24	69·07	68·24	67·49	66·57	66·82	67·40	68·74	67·24	66·40	70·99
28	69·40	69·48	68·82	68·24	67·40	66·74	66·90	67·49	68·90	67·65	66·40	70·65
29	69·49	69·32	68·74	68·24	67·32	66·74	66·90	67·74	68·90	67·32	.....	70·32
30	69·49	69·24	68·65	68·15	67·32	66·74	66·90	67·90	68·90	66·90	.....	70·24
31	.....	69·32	.....	68·07	67·32	.....	66·90	.....	68·99	66·82	.....	70·07

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1903–04.

TABLE NO. 666.

1	69·90	69·24	68·90	69·24	68·15	67·32	67·15	67·07	65·74	66·74	66·90	67·24
2	69·82	69·24	68·82	69·24	68·15	67·32	67·07	67·07	65·74	64·90	67·07	67·07
3	69·74	69·24	68·74	69·49	68·32	67·32	66·99	66·74	65·74	65·57	65·49	66·24
4	70·07	69·24	68·74	69·65	67·90	67·32	66·90	66·90	65·65	65·90	65·24	66·24
5	70·24	69·24	68·65	69·57	67·82	67·24	66·90	66·74	65·65	65·57	65·57	65·90
6	69·99	69·24	68·57	69·49	67·90	67·32	66·90	66·65	65·74	65·99	65·74	66·74
7	69·99	69·32	68·57	69·32	68·15	67·15	66·90	66·74	65·90	66·07	65·82	66·49
8	69·90	69·49	68·57	69·24	68·15	67·07	66·90	66·74	65·99	66·65	65·40	66·24
9	70·32	69·49	68·49	69·07	68·07	67·07	66·99	66·74	65·82	66·99	65·24	66·32
10	70·24	69·49	68·49	68·99	68·07	66·99	67·15	66·74	65·82	67·07	65·24	66·49
11	70·15	69·57	68·40	68·90	68·07	66·99	67·40	66·74	65·57	67·07	65·40	66·90
12	70·07	69·57	68·40	68·74	68·24	66·99	67·49	66·74	65·65	66·65	65·90	66·99
13	69·65	69·65	68·32	68·57	68·24	66·99	67·49	66·74	66·57	66·99	66·49	66·74
14	69·49	69·65	68·32	68·49	68·24	66·99	67·49	66·74	66·40	66·99	66·49	66·57
15	69·40	69·57	68·49	68·32	68·15	66·99	67·40	65·74	66·32	66·90	66·15	66·65
16	69·32	69·57	68·74	68·24	68·15	66·99	67·32	66·24	66·40	66·57	66·07	66·90
17	69·49	69·49	68·65	68·07	68·15	66·99	67·32	66·24	66·40	66·57	65·90	66·90
18	69·57	69·49	68·74	68·07	68·07	67·07	67·40	66·40	66·74	66·57	65·90	66·90
19	69·74	69·49	68·74	67·99	67·99	67·24	67·49	66·40	66·57	66·24	66·49	66·90
20	69·65	69·49	68·74	67·99	67·99	67·07	67·65	66·49	65·90	66·24	66·49	66·65
21	69·57	69·40	68·82	68·24	67·90	67·07	67·49	66·07	65·24	66·24	66·74	66·74
22	69·57	71·40	68·90	68·24	67·90	67·07	67·49	66·24	66·40	65·90	66·24	66·57
23	69·57	69·40	68·90	68·15	67·90	67·07	67·49	66·24	66·49	65·65	65·65	66·49
24	69·57	69·32	68·90	68·07	67·90	67·24	67·49	66·40	66·74	66·40	65·90	67·07
25	69·57	69·24	69·07	68·07	67·24	67·15	67·40	66·15	66·99	65·90	65·99	67·32
26	69·49	69·24	69·24	68·24	67·24	67·07	67·32	65·99	66·74	65·90	66·57	67·90
27	69·40	69·32	69·32	67·99	67·24	67·24	67·32	65·90	66·49	65·24	66·90	69·40
28	69·40	69·15	69·24	67·90	67·15	67·24	67·07	66·07	66·24	64·99	67·24	69·57
29	69·40	69·15	69·07	67·90	67·15	67·24	66·99	65·90	66·24	65·57	67·40	69·40
30	69·32	68·99	69·15	68·07	67·15	67·24	66·99	65·90	66·32	66·07	.....	68·82
31	.....	68·99	.....	68·15	67·15	.....	66·99	.....	66·74	66·74	.....	68·65

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5 for 1904–05.

TABLE NO. 667.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	68·74	70·90	71·49	69·90	68·74	68·07	68·40	68·40	67·32	66·74	66·90	65·74
2	69·07	71·07	71·64	69·90	68·74	68·24	68·40	68·32	67·32	66·57	66·74	65·74
3	69·65	71·15	71·82	69·74	68·74	68·40	68·40	68·24	67·07	66·65	66·24	65·74
4	69·99	71·40	71·90	69·65	68·74	68·49	68·40	68·24	67·07	66·65	66·15	66·07
5	70·32	71·40	71·99	69·65	68·65	68·49	68·40	68·15	67·07	66·65	66·40	66·07
6	70·32	71·49	71·99	69·65	68·57	68·40	68·40	68·07	66·90	66·32	66·49	65·57
7	70·32	71·57	71·99	69·57	68·49	68·24	68·32	67·90	66·99	65·99	66·49	65·40
8	70·32	71·90	71·90	69·49	68·40	68·15	68·24	67·90	67·07	66·24	66·90	65·24
9	70·57	71·90	71·90	69·40	68·40	68·07	68·24	67·82	66·90	66·24	66·90	65·40
10	70·74	71·99	71·90	69·32	68·32	67·99	68·40	67·74	66·74	66·74	66·99	65·40
11	71·24	71·82	71·90	69·24	68·32	67·99	67·99	67·65	67·32	66·74	66·57	65·40
12	71·49	71·99	71·90	69·24	68·32	67·99	67·99	67·74	67·49	66·74	66·40	65·74
13	71·40	71·90	71·82	69·24	68·32	67·90	68·07	67·74	67·57	66·74	66·24	65·74
14	71,24	71,82	71,82	69,24	68,32	67,82	68,07	67,74	67·74	67,07	66,24	65,90
15	70·82	71·82	71·74	69·24	68·32	67·99	68·07	67·65	67·74	67·07	66·32	65·90
16	70·57	71·82	71·57	69·24	68·32	67·99	68·07	67·57	68·24	66·90	66·32	65·90
17	70·32	71·65	71·65	69·24	68·32	67·99	68·07	67·49	68·24	66·82	66·32	65·90
18	70·15	71·57	71·40	69·24	68·32	67·99	67·99	67·24	68·24	66·82	65·99	65·74
19	70·07	71·40	71·32	69·24	68·24	67·90	67·99	67·24	68·40	66·82	66·15	65·74
20	69·90	71·65	71·24	69·24	68·32	67·90	67·99	67·32	68·32	66·90	66·57	65·99
21	69·74	71·65	70·99	69·24	68·49	67·74	68·65	67·40	68·32	66·90	66·65	66·24
22	69·74	71·65	70·65	69·24	68·49	67·65	68·82	67·40	67·90	67·24	66·40	66·40
23	69·65	71·57	70·57	69·24	68·40	67·65	68·82	67·49	67·90	67·07	66·40	66·40
24	69·74	71·57	70·49	69·07	68·40	67·65	68·74	67·24	67·90	67·07	66·40	66·24
25	69·90	71·57	70·40	68·90	68·32	68·07	68·74	67·24	67·90	66·90	66·40	67·40
26	69·82	71·49	70·32	68·90	68·40	68·24	68·65	67·32	67·90	66·82	66·40	66·57
27	69·82	71·49	70·24	68·74	68·32	68·07	68·57	67·40	66·57	66·40	65·74	67·40
28	69·82	71·49	70·07	68·74	68·32	68·07	68·57	67·32	66·90	66·74	65·90	67·74
29	69·99	71·40	69·99	68·74	68·24	68·07	68·49	67·24	66·32	66·74	.....	67·99
30	70·49	71·32	69·99	68·74	68·24	68·24	68·49	67·24	66·24	66·65	.....	68·32
31	.....	71·32	.....	68·74	68·07	.....	68·40	.....	66·57	66·74	.....	68·90

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1905–06.

TABLE NO. 668.

1	69·32	67·90	68·74	68·40	67·99	67·49	67·32	67·40	67·24	67·74	68·24	67·40
2	69·49	67·90	68·74	68·74	68·07	67·49	67·32	67·49	67·24	67·40	67·99	68·32
3	69·40	67·99	68·82	68·74	68·24	67·49	67·40	67·49	67·07	67·40	68·24	67·74
4	69·24	68·07	68·82	68·74	68·07	67·49	67·49	67·49	67·07	67·40	68·24	67·74
5	69·24	68·07	68·65	68·74	68·07	67·49	67·40	67·49	67·07	66·74	68·24	67·74
6	69·32	68·74	68·57	68·74	67·99	67·49	67·40	67·07	67·07	67·99	68·07	67·74
7	69·49	68·90	68·40	68·49	67·90	67·64	67·24	67·07	67·07	67·90	68·07	67·65
8	69·40	68·90	68·40	68·40	66·90	67·74	67·24	67·24	67·07	68·24	67·99	67·07
9	69·32	68·90	68·40	68·32	67·90	67·74	67·24	67·40	67·07	68·40	67·99	66·90
10	69·15	68·90	68·40	68·24	67·90	67·74	67·24	67·40	67·07	68·40	68·07	66·99
11	69·07	68·90	68·49	68·07	67·90	67·75	67·07	67·40	66·74	68·74	68·32	67·07
12	69·07	68·90	68·57	68·07	67·90	67·49	67·07	67·40	66·90	69·07	68·32	67·24
13	68·90	69·07	68·74	68·07	67·74	67·40	67·07	67·40	66·90	69·24	68·24	67·24
14	68·90	69·07	68·74	68·07	67·74	67·32	67·24	67·40	66·90	69·07	68·24	67·24
15	68·82	69·07	68·74	68·07	67·49	67·24	67·24	67·40	66·99	69·07	68·32	67·24
16	68·57	69·24	68·65	68·24	67·32	67·32	67·40	67·40	67·07	68·40	67·24	67·32
17	68·49	69·32	68·57	68·07	67·49	67·40	67·32	67·40	67·32	67·99	67·24	67·07
18	68·40	69·32	68·57	68·07	67·57	67·40	67·32	67·24	67·32	67·99	67·74	67·07
19	68·40	69·40	68·49	67·99	67·74	67·40	67·24	67·24	67·32	67·90	67·40	66·99
20	68·40	69·40	68·74	67·99	67·82	67·57	67·40	67·07	67·32	67·90	67·24	66·74
21	68·21	69·40	68·74	67·99	67·82	67·74	67·49	67·07	66·49	67·90	67·07	66·57
22	68·24	69·40	68·74	67·99	67·74	67·74	67·65	67·07	66·99	67·57	67·40	66·90
23	68·07	69·40	68·82	67·99	67·74	67·82	67·57	66·90	66·99	67·90	67·49	66·82
24	67·99	69·40	68·74	67·99	67·49	67·74	67·49	66·90	67·32	68·57	67·40	67·07
25	68·15	69·24	68·65	67·99	67·49	67·65	67·57	67·07	67·40	69·07	67·40	66·82
26	68·15	69·24	68·57	67·99	67·40	67·57	67·49	67·24	67·40	69·07	67·24	66·82
27	67·99	69·07	68·49	67·90	67·49	67·57	67·40	67·24	67·15	68·57	67·40	66·82
28	67·90	69·07	68·40	67·99	67·49	67·40	67·24	67·24	67·07	68·57	67·49	67·40
29	67·90	68·99	68·40	67·82	67·49	67·24	67·24	67·24	66·90	68·49	.....	68·07
30	67·90	68·90	68·40	67·90	67·24	67·24	67·24	67·24	67·15	68·49	.....	67·65
31	.....	68·90	.....	67·90	67·24	.....	67·15	.....	67·40	68·07	.....	68·24

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1906–07.

TABLE No. 669.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67·99	68·65	68·99	68·74	67·24	66·82	66·24	66·40	66·65	66·99	68·07	66·65
2	67·99	68·57	68·99	68·65	67·24	66·82	66·24	66·32	66·57	66·82	67·90	66·82
3	67·90	68·57	68·99	68·49	67·15	66·74	66·24	66·24	66·57	67·07	67·49	66·90
4	67·90	68·74	68·99	68·40	67·15	66·74	66·24	66·24	66·57	67·82	67·07	66·57
5	67·90	68·90	68·99	68·24	67·15	66·65	66·24	66·24	66·57	67·90	67·07	66·40
6	67·90	68·90	68·99	68·07	67·15	66·65	66·24	66·24	66·40	67·90	67·24	66·24
7	67·99	68·90	68·90	68·07	67·15	66·57	66·65	66·24	66·40	68·24	67·15	66·24
8	67·90	68·99	69·40	68·07	67·07	66·57	66·40	66·24	66·40	67·90	68·07	66·24
9	67·82	69·07	69·74	68·07	67·07	66·49	66·32	66·15	67·74	67·99	68·57	66·32
10	67·74	69·07	69·82	68·07	67·07	66·49	66·32	66·24	67·74	68·15	68·82	65·74
11	67·82	69·07	69·65	68·07	67·07	66·49	66·40	66·24	67·65	68·40	68·32	66·40
12	67·90	69·24	69·65	67·99	67·07	66·49	66·32	65·74	67·90	68·65	67·90	66·32
13	67·99	69·24	69·49	67·99	66·99	66·49	66·32	65·57	68·24	68·40	67·40	65·99
14	67·99	69·32	69·40	67·90	66·99	66·49	66·32	66·40	68·57	68·40	67·65	65·65
15	68·07	69·49	69·40	67·90	66·90	66·49	66·32	66·24	68·32	68·24	67·99	65·65
16	68·07	69·40	69·40	67·90	66·90	66·49	66·24	66·24	68·24	67·82	67 65	65·90
17	68·40	69·49	69·40	67·74	66·90	66·40	66·24	66·24	68·24	67·24	67·32	66·40
18	68·40	69·65	69·24	67·74	66·90	66·40	66·24	66·24	67·90	67·24	67·07	66·74
19	68·40	69·65	69·24	67·74	66·82	66·40	66·24	66·32	68·07	66·24	66·90	66·99
20	68·57	69·65	68·99	67·65	66·82	66·24	66·32	66·40	68·40	66·32	66·90	66·82
21	68·49	69·57	69·07	67·65	66·82	66·24	66·32	66·49	68·40	67·24	67·40	66·90
22	68·49	69·49	68·90	67·65	66·74	66·07	66·24	66·82	68·49	66·74	67·07	66·65
23	68·49	69·40	68·90	67·65	66·74	66·24	66·24	66·82	68·49	66·82	66·90	66·82
24	68·57	69·40	68·90	67·49	66·82	66·24	66·24	66·82	68·49	66·74	67·24	67·40
25	68·65	69·40	68·90	67·49	66·82	66·24	66·40	66·82	68·57	66·82	67·57	67·90
26	68·65	69·40	68·90	67·49	66·82	66·24	66·49	66·74	68·57	66·82	67·24	67·99
27	68·82	69·24	68·90	67·40	66·82	66·24	66·49	66·65	68·49	67·32	66·99	67·99
28	68·74	69·24	68·74	67·40	66·90	66·24	66·74	66·65	68·40	67·57	66·57	68·07
29	68·74	69·07	68·74	67·40	66·90	66·32	66·90	66·65	68·24	67·82	.....	68·90
30	68·57	69·07	68·74	67·32	66·90	66·32	66·74	66·65	67·40	68·07	.....	69·57
31	.....	69·07	.....	67·32	66·90	.....	66·57	.....	67·24	68·07	.....	70·24

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1907–08.

TABLE No. 670.

1	71·40	69·40	69·90	69·15	68·32	67·24	67·49	67·32	67·49	68·74	66·99	67·99
2	70·40	69·57	69·82	69·24	68·32	67·15	67·40	67·40	67·49	68·65	67·24	67·90
3	70·40	69·74	69·82	69·07	68·15	67·15	67·40	67·74	67·49	68·57	67·32	67·90
4	69·65	70·07	69·74	69·07	68·07	67·15	67·49	67·90	67·49	68·40	67·40	67·90
5	69·74	70·32	69·74	69·07	68·07	67·07	67·49	67·74	67·40	68·40	67·32	67·74
6	69·65	70·32	69·74	68·99	68·07	67·15	67·49	67·74	67·40	68·40	67·07	67·57
7	69·40	70·07	69·74	68·99	68·07	67·15	67·49	68·32	67·40	68·40	67·40	67·49
8	69·24	69·90	69·74	68·99	67·90	66·99	67·49	68·40	67·40	68·82	67·40	67·32
9	69·07	69·74	69·74	68·99	67·74	67·07	67·57	68·49	67·40	68·82	67·40	67·24
10	68·99	69·90	69·65	68·90	67·74	67·07	67·57	68·57	67·40	68·07	67·74	66·90
11	68·90	69·65	69·57	68·99	67·74	67·24	67·65	68·49	67·99	68·07	68·40	67·24
12	68·90	69·57	69·74	68·82	67·74	67·24	67·74	68·40	67·99	68·49	68·07	67·32
13	69·15	69·40	69·74	68·99	67·74	67·32	67·74	68·24	67·74	68·74	68·07	67·40
14	69·32	69·40	69·65	68·74	67·74	67·40	67·74	68·15	67·82	68·74	67·65	67·40
15	68·99	69·49	69·65	68·57	67·57	67·40	67·74	67·74	67·82	69·32	67·32	67·40
16	68·99	69·49	69·74	68·49	67·57	67·40	67·74	67·65	67·82	69·74	67·49	67·82
17	68·99	69·49	69·57	68·49	67·49	67·40	67·82	67·57	67·90	69·65	67·74	68·24
18	68·99	69·49	69·57	68·40	67·49	67·07	67·82	67·65	67·90	69·24	68·49	68·40
19	68·99	69·74	69·65	68·40	67·49	67·07	67·82	67·74	67·90	69·24	68·49	68·40
20	68·99	69·90	69·65	68·40	67·49	67·24	67·74	67·74	67·90	68·82	68·57	68·40
21	68·82	70·07	69·65	68·24	67·49	67·24	67·74	67·74	67·90	68·57	68·57	68·24
22	68·74	70·24	69·40	68·24	67·49	67·40	67·65	67·74	67·90	68·40	69·32	67·99
23	68·65	70·32	69·24	68·24	67·49	67·24	67·65	67·74	67·82	67·49	68·90	67·99
24	68·57	70·49	69·24	68·24	67·49	67·49	67·65	67·57	67·82	67·40	68·99	67·99
25	68·57	70·40	69·24	68·24	67·57	67·49	67·57	67·57	67·82	68·24	68·99	68·07
26	68·49	70·49	69·24	68·24	67·57	67·40	67·65	67·57	67·82	68·24	68·99	68·40
27	68·40	70·49	69·24	68·24	67·57	67·40	67·57	67·74	67·82	68·24	68·49	68·74
28	68·40	70·49	69·24	68·40	67·49	67·40	67·57	67·74	67·90	67·24	67·99	69·07
29	68·90	70·49	69·24	68·40	67·40	67·40	67·57	67·57	67·74	66·90	67·82	69·40
30	68·99	70·49	69·07	68·24	67·32	67·40	67·57	67·57	68·65	66·82	.....	69·57
31	.....	70·07	.....	68·24	67·40	.....	67·40	.....	68·74	66·82	.....	69·57

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1908–09.

TABLE No. 671.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·99	71·82	72·32	69·90	68·74	67·90	67·40	66·65	66·74	68·40	67·24	65·82
2	69·99	72·07	72·24	69·82	68·74	67·90	67·40	66·65	66·82	68·40	67·07	65·99
3	69·99	72·15	72·24	69·74	68·65	67·74	67·24	66·65	66·57	68·07	66·57	66·40
4	69·99	72·15	72·24	69·65	68·49	67·74	67·15	66·65	66·57	67·24	67·07	66·32
5	70·07	72·49	72·15	69·57	68·49	67·74	67·07	66·74	66·57	66·57	67·90	66·40
6	70·07	72·40	72·07	69·49	68·40	67·74	66·99	66·74	66·57	66·40	67·90	66·40
7	70·07	72·15	71·99	69·49	68·40	67·74	66·90	66·74	66·24	66·32	68·07	66·99
8	70·40	72·15	71·90	69·49	68·40	67·65	66·90	66·74	66·40	66·74	67·49	66·99
9	70·40	72·74	71·90	69·40	68·40	67·65	66·99	66·74	66·40	67·07	67·07	66·65
10	70·40	73·24	71·74	69·40	68·40	67·65	66·99	66·74	66·40	67·57	66·65	66·32
11	70·90	73·15	71·65	69·40	68·40	67·65	66·99	66·74	66·49	68·07	66·99	66·32
12	70·90	73·15	71·49	69·40	68·40	67·65	66·99	66·65	66·49	67·24	67·24	66·15
13	71·07	73·07	71·40	69·40	68·40	67·65	66·99	66·65	66·57	67·40	66·65	66·40
14	70·99	73·07	71·24	69·40	68·40	67·57	66·99	66·65	66·57	67·24	66·74	66·57
15	70·99	72·99	71·07	69·32	68·40	67·49	66·99	66·65	66·57	67·24	67·24	66·57
16	70·90	72·99	70·90	69·24	68·40	67·40	66·99	66·65	66·40	67·07	66·74	66·57
17	70·74	72·99	70·74	69·24	68·40	67·40	66·82	66·40	66·24	66·82	66·74	66·49
18	70·57	72·90	70·65	69·24	68·40	67·32	66·74	66·49	65·99	66·74	66·40	66·49
19	70·49	72·90	70·57	69·24	68·40	67·32	66·65	66·49	66·24	66·57	66·24	66·49
20	70·40	72·82	70·49	69·15	68·32	67·32	66·65	66·65	66·74	66·74	66·24	66·49
21	70·24	72·74	70·40	69·15	68·24	67·32	66·65	66·65	66·74	67·32	66·32	66·49
22	69·99	72·74	70·40	69·24	68·15	67·32	66·65	66·57	66·65	67·40	66·40	66·49
23	70·07	72·65	70·40	69·24	68·07	67·32	66·65	66·40	67·57	66·65	66·24	66·40
24	69·99	72·65	70·40	69·07	68·07	67·24	66·65	66·40	67·57	66·57	66·24	66·40
25	69·99	72·65	70·40	68·99	68·07	67·24	66·65	66·24	67·57	65·74	66·15	66·49
26	69·99	72·65	70·32	68·99	67·99	67·24	66·65	66·24	67·65	66·24	66·24	66·74
27	70·24	72·65	70·24	68·90	67·90	67·24	66·65	66·74	67·74	66·57	66·74	66·99
28	70·40	72·57	70·15	68·90	67·90	67·24	66·65	66·82	67·90	66·90	67·24	66·99
29	70·74	72·49	69·99	68·82	67·90	67·40	66·65	66·82	68·15	66·90	.....	67·32
30	71·15	72·40	69·90	68·82	67·90	67·40	66·65	66·57	68·24	67·24	.....	67·65
31	.....	72·32	.....	68·74	67·90	.....	66·65	.....	68·40	67·49	.....	67·90

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1909–10.

TABLE No. 672.

1	67·65	70·99	72·90	68·90	68·74	67·74	67·40	66·74	66·49	67·74	67·24	66·24
2	67·90	71·24	72·57	68·90	68·74	67·74	67·32	66·74	66·49	68·07	67·32	65·90
3	68·24	71·40	72·49	68·90	68·74	67·74	67·24	66·74	66·40	68·07	66·57	66·24
4	68·57	71·24	72·24	68·82	68·74	67·74	67·24	66·74	66·40	67·99	66·57	66·65
5	68·82	71·07	71·99	68·74	68·74	67·74	67·24	66·65	66·57	68·24	66·65	66·90
6	69·57	71·07	71·74	68·74	68·49	67·74	67·24	66·65	66·74	67·15	66·49	67·15
7	69·57	70·90	71·57	68·65	68·49	67·65	67·15	66·57	66·65	67·49	65·99	67·32
8	70·57	70·74	71·49	68·57	68·40	67·49	67·24	66·57	67·32	67·32	66·49	68·40
9	70·90	70·74	71·40	68·49	68·40	67·32	67·24	66·57	67·07	67·65	66·90	68·24
10	70·74	71·07	71·24	68·49	68·24	67·32	67·24	66·57	66·74	67·65	67·07	68·15
11	70·40	71·24	70·90	68·49	68·07	67·40	67·24	66·57	66·49	67·65	65·90	67·90
12	69·99	71·74	70·74	68·49	68·07	67·40	67·24	66·57	66·24	67·65	66·07	67·65
13	69·82	71·90	70·57	68·49	68·07	67·40	67·07	66·57	66·07	67·57	66·07	67·49
14	69·90	72·07	70·49	68·49	67·99	67·40	67·07	66·57	66·24	67·07	66·49	67·49
15	70·07	72·07	70·40	68·40	67·99	67·40	67·07	66·65	66·65	66·99	65·65	67·40
16	70·24	72·07	70·40	68·40	67·99	67·40	67·07	66·65	66·74	66·65	65·99	67·49
17	70·24	72·24	70·32	68·40	67·99	67·32	67·07	66·65	66·65	67·32	65·65	67·24
18	70·24	72·40	70·24	68·40	67·90	67·24	67·07	66·57	66·65	67·32	65·99	67·49
19	70·40	72·40	70·07	68·32	67·90	67·24	66·90	66·57	66·65	67·07	65·90	67·32
20	70·49	72·49	69·90	68·24	67·82	67·24	66·82	66·49	66·65	66·74	65·99	67·40
21	70·49	72·49	69·82	68·24	67·74	67·24	66·74	66·74	66·65	66·49	66·07	67·49
22	70·49	72·49	69·74	68·24	67·74	67·24	66·74	66·57	66·65	66·07	65·24	67·49
23	70·49	72·65	69·74	68·40	67·74	67·24	66·82	66·65	66·65	66·24	65·07	68·07
24	70·49	72·65	69·65	68·49	67·74	67·24	66·82	66·57	66·65	66·40	65·07	67·99
25	70·40	72·65	69·65	68·49	67·74	67·24	66·82	66·57	66·74	66·57	65·74	68·24
26	70·40	72·65	69·57	68·49	67·82	67·07	66·74	66·40	66·74	66·57	65·90	68·40
27	70·32	72·65	69·49	68·57	67·74	67·24	66·74	66·40	66·65	66·57	66·74	68·57
28	70·32	72·65	69·40	68·57	67·74	67·24	66·74	66·57	66·65	66·74	65·90	68·57
29	70·24	72·65	69·24	68·74	67·74	67·24	66·74	66·74	66·65	66·99	.....	68·49
30	70·40	72·65	69·07	68·74	67·74	67·24	66·74	66·74	66·74	66·99	.....	68·40
31	.....	72·65	.....	68·74	67·74	.....	66·74	.....	66·74	66·99	.....	68·40

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1910–11.

TABLE No. 673

Day.	April.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·57	69·40	68·57	67·82	67·24	66·82	66·57	66·74	66·40	66·65	66·49	65·74
2	68·65	69·40	68·65	67·74	67·07	66·74	66·57	66·74	66·40	66·74	66·40	65·90
3	68·74	69·49	68·74	67·74	67·07	66·74	66·57	66·65	66·24	66·90	66·40	65·90
4	68·90	69·49	68·65	67·65	67·07	66·74	66·57	66·49	66·24	66·57	66·32	65·99
5	68·99	69·57	68·49	67·65	66·99	66·74	66·65	66·40	66·07	66·15	66·32	65·49
6	69·07	69·65	68·49	67·65	66·99	66·74	66·65	66·57	66·07	66·24	66·49	65·49
7	68·90	69·74	68·65	67·57	66·99	66·90	66·74	66·65	66·07	66·07	66·07	65·57
8	69·07	69·57	68·74	67·49	66·99	66·90	66·74	66·65	66·15	66·24	65·74	65·07
9	69·07	69·49	68·82	67·49	66·99	66·90	66·74	66·65	66·24	66·82	65·99	65·07
10	69·07	69·40	68·82	67·40	66·90	66·90	66·90	66·57	66·32	66·24	66·40	64·99
11	69·24	69·32	68·82	67·32	67·07	66·90	66·90	66·74	66·82	66·74	66·49	64·99
12	69·24	69·32	68·74	67·32	67·07	66·90	66·82	66·74	66·99	66·99	65·99	65·32
13	69·07	69·32	68·74	67·24	67·07	66·74	66·90	66·74	66·99	67·24	65·74	64·99
14	69·07	69·24	68·82	67·24	66·99	66·74	66·90	66·74	67·07	67·32	65·32	64·90
15	68·90	69·24	68·74	67·24	66·99	66·74	66·82	66·74	66·90	67·32	65·40	64·90
16	68·82	69·24	68·74	67·24	66·90	66·74	66·74	66·74	66·99	66·99	65·32	64·74
17	68·65	68·65	68·74	67·15	66·90	66·74	66·65	66·65	67·07	66·65	65·57	64·74
18	68·82	68·99	68·74	67·15	66·90	66·74	66·57	66·65	67·40	66·82	66·07	65·57
19	68·82	68·82	68·74	67·15	66·90	66·65	66·57	66·49	67·24	67·24	66·49	65·40
20	68·82	68·74	68·49	67·07	66·90	66·57	66·40	66·40	67·15	67·40	66·40	65·2
21	68·82	68·74	68·40	67·07	66·90	66·57	66·24	66·40	66·65	66·74	66·65	65·15
22	68·90	68·65	68·40	67·15	66·90	66·74	66·24	66·49	66·49	66·57	66·40	65·32
23	68·90	68·65	68·32	67·32	66·90	66·57	66·57	66·57	67·90	66·49	66·57	65·15
24	68·90	68·65	68·24	67·24	66·90	66·57	66·57	66·57	67·65	66·99	66·90	65·15
25	68·99	68·65	68·24	67·24	66·90	66·57	66·57	66·57	67·82	66·82	66·74	65·49
26	68·99	68·57	68·24	67·15	66·90	66·57	66·74	66·40	67·65	66·65	66·15	65·65
27	69·15	68·57	68·07	67·15	66·90	66·57	66·65	66·40	67·57	66·32	65·40	65·24
28	69·15	68·57	67·99	67·24	66·90	66·57	66·65	66·40	67·82	66·57	65·32	65·32
29	69·40	68·57	67·90	67·24	66·90	66·57	66·65	66·40	67·24	66·74	.....	66·24
30	69·40	68·49	67·90	67·24	66·90	66·40	66·65	66·40	66·82	66·90	.....	66·57
31	.....	68·49	.....	67·24	66·90	.....	66·65	.....	66·40	66·32	.....	66·57

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1911–12.

TABLE No. 674.

1	66·32	69·40	69·07	67·49	66·40	65·99	65·65	65·57	65·90	67·07	66·32	65·90
2	66·40	69·49	69·07	67·49	66·40	65·90	65·65	65·57	65·90	67·24	66·40	66·24
3	66·74	69·57	68·90	67·40	66·32	65·90	65·65	65·57	65·74	67·24	65·57	66·32
4	66·74	69·57	68·90	67·40	66·24	65·90	65·65	65·57	65·74	67·24	66·49	65·74
5	66·74	68·57	68·90	67·40	66·24	65·90	65·65	65·74	65·74	67·24	66·74	65·74
6	67·57	69·65	68·74	67·32	66·24	65·90	65·65	65·74	65·90	67·24	66·74	65·40
7	67·24	69·74	68·49	67·32	66·24	65·99	65·65	65·74	65·90	67·32	67·07	65·24
8	68·07	69·74	68·57	67·32	66·24	65·90	65·74	65·74	66·07	67·07	66·90	65·24
9	68·40	69·82	68·57	67·24	66·24	65·90	65·74	65·74	66·07	67·32	66·32	65·24
10	68·57	69·82	68·49	67·24	66·24	65·82	65·65	65·74	66·24	67·07	66·24	65·24
11	68·90	69·82	68·40	66·90	66·07	65·82	65·65	65·74	66·24	66·82	65·90	65·24
12	69·24	69·82	68·40	67·07	66·15	65·82	65·65	65·74	66·40	66·74	65·99	65·24
13	69·32	69·82	68·49	66·90	66·24	65·74	65·65	65·74	66·49	66·74	66·49	65·15
14	69·40	69·82	68·57	66·90	66·24	65·74	65·57	65·74	66·49	66·74	66·90	65·15
15	69·49	69·74	68·57	66·90	66·24	65·82	65·57	65·74	66·49	66·74	66·74	65·15
16	69·49	69·74	68·57	66·90	66·24	65·82	65·57	65·74	66·65	66·74	66·49	65·15
17	69·57	69·65	68·40	66·99	66·32	65·82	65·57	65·82	66·82	66·74	66·40	65·15
18	69·40	69·49	68·24	66·99	66·32	65·74	65·57	65·90	66·82	66·74	66·40	65·15
19	68·90	69·40	67·74	66·99	66·24	65·74	65·57	65·90	66·74	66·99	65·90	65·15
20	68·49	69·40	67·74	66·99	66·24	65·74	65·65	66·24	66·74	66·99	65·49	65·15
21	68·40	69·24	67·74	66·90	66·24	65·74	65·65	66·24	66·74	67·07	65·07	65·15
22	68·24	69·15	67·65	66·82	66·24	65·74	65·65	65·57	66·74	67·07	64·82	65·90
23	68·07	69·15	67·57	66·74	66·24	65·74	65·65	65·90	66·82	67·07	64·65	66·07
24	68·15	68·90	67·57	66·65	66·24	65·74	65·74	65·99	66·82	67·07	64·99	66·24
25	68·15	68·99	67·57	66·65	66·15	65·74	65·74	66·07	66·82	66·99	65·90	65·57
26	68·15	69·07	67·57	66·65	66·07	65·74	65·74	66·07	66·90	66·74	65·57	65·57
27	68·32	69·15	67·57	66·65	66·07	65·74	65·74	65·99	66·90	66·57	65·40	65·40
28	68·32	69·07	67·57	66·57	66·07	65·74	65·74	65·99	66·40	66·57	65·32	65·32
29	68·49	69·07	67·49	66·57	66·07	65·74	65·74	65·90	66·07	66·57	65·74	65·32
30	68·74	69·07	67·49	66·57	66·07	65·74	65·74	65·90	65·40	66·40	.....	65·40
31	.....	69·07	.....	66·49	65·99	.....	65·65	.....	64·57	66·32	.....	65·40

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1912–13.

TABLE No. 675.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	65·74	69·90	72·40	69·24	67·90	67·32	67·40	67·90	67·74	67·65	68·99	67·57
2	66·24	69·74	72·24	69·07	67·82	67·32	67·40	67·90	67·90	67·57	68·65	68·07
3	66·32	69·65	71·90	68·90	67·82	67·32	67·40	67·90	68·07	67·40	68·74	67·24
4	66·40	69·57	71·74	68·82	67·74	67·24	67·40	67·90	68·40	68·24	68·74	67·57
5	66·40	69·57	71·57	68·82	67·74	67·24	67·40	67·99	68·49	67·57	68·90	67·57
6	66·74	69·49	71·40	68·82	67·65	67·24	67·32	67·90	68·65	67·82	68·74	67·57
7	67·24	69·49	71·24	68·74	67·65	67·32	67·32	68·07	68·90	67·74	68·57	67·40
8	.....	69·40	71·15	68·74	67·65	67·40	67·24	68·40	68·49	67·49	68·40	67·49
9	.....	69·40	71·07	68·65	67·65	67·40	67·24	68·99	68·40	67·32	68·07	67·74
10	68·24	69·40	70·90	68·57	67·65	67·40	66·90	69·24	68·24	68·49	68·15	67·32
11	69·24	69·40	70·74	68·49	67·65	67·49	66·90	68·99	68·07	68·99	68·65	67·07
12	69·24	69·49	70·65	68·40	67·65	67·49	66·74	68·57	68·07	69·07	68·49	67·07
13	69·57	69·65	70·49	68·32	67·65	67·57	67·07	68·82	68·07	68·57	68·32	66·99
14	69·49	69·74	70·24	68·24	67·65	67·57	67·24	68·90	67·99	68·65	68·49	67·15
15	69·90	69·74	70·07	68·15	67·49	67·49	67·24	69·07	67·99	69·49	68·07	67·82
16	69·90	69·65	70·24	68·15	67·49	67·40	67·15	68·90	67·82	69·49	67·90	68·90
17	70·07	69·90	70·24	68·07	67·49	67·32	67·07	68·90	67·65	68·49	67·99	68·90
18	70·07	70·07	70·15	68·07	67·49	67·32	66·74	68·82	67·07	68·49	68·07	69·32
19	70·40	70·24	70·07	68·07	67·49	67·32	66·99	68·82	67·15	69·07	68·24	69·49
20	70·49	70·32	69·90	68·07	67·49	67·32	67·07	68·99	67·49	69·57	68·40	69·57
21	70·40	70·32	69·82	68·07	67·40	67·32	67·15	69·24	67·74	69·32	68·24	69·82
22	70·24	70·49	69·74	67·99	67·40	67·32	66·90	69·40	67·74	69·74	67·65	70·24
23	70·07	70·65	69·74	67·99	67·49	67·32	66·99	69·24	67·74	69·65	67·24	70·49
24	70·24	70·90	69·74	67·99	67·49	67·32	66·99	68·40	67·82	69·65	67·07	71·40
25	70·24	70·90	69·74	67·90	67·57	67·40	66·99	67·49	67·82	69·57	67·24	70·74
26	70·49	70·90	69·74	67·90	67·65	67·40	67·49	68·07	67·82	69·15	67·49	71·32
27	70·40	70·90	69·57	67·90	67·49	67·40	67·90	68·07	67·57	68·82	67·65	71·32
28	70·40	70·74	69·40	67·90	67·49	67·40	67·99	67·90	67·49	69·07	67·57	71·15
29	70·24	70·90	69·32	67·90	67·49	67·40	67·74	67·74	67·40	69·24	.....	71·15
30	70·07	71·24	69·24	67·82	67·40	67·40	67·90	67·74	67·40	69·15	.....	71·15
31	.....	71·99	.....	67·82	67·32	.....	67·90	.....	67·40	69·24	.....	71·24

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1913–14.

TABLE No. 676.

1	71·82	70·74	70·15	68·57	67·82	67·49	66·99	67·99	67·57	67·24	67·49	66·49
2	71·82	70·82	70·07	68·65	67·90	67·40	66·99	67·82	67·65	67·07	67·82	65·82
3	71·49	70·90	69·74	68·49	67·82	67·32	66·99	67·57	67·82	67·24	67·90	65·90
4	71·40	70·99	69·65	68·40	67·90	67·32	66·99	67·65	67·74	67·74	67·40	65·82
5	72·07	71·15	69·65	68·32	67·82	67·24	66·99	67·49	67·90	68·07	67·32	65·82
6	72·07	71·24	69·65	68·49	67·74	67·24	67·07	67·40	67·82	68·24	67·32	65·90
7	71·65	71·32	69·49	68·40	67·74	67·24	67·07	67·24	67·90	68·57	68·24	65·90
8	71·49	71·07	69·40	68·40	67·65	67·24	67·07	67·24	67·90	68·40	67·49	65·49
9	71·07	71·24	69·40	68·49	67·65	67·24	66·99	67·24	67·99	68·49	67·57	65·49
10	70·99	70·99	69·49	68·40	67·65	67·15	66·90	67·40	67·99	68·57	67·57	65·49
11	70·74	70·90	69·40	68·32	67·65	67·15	66·82	67·40	67·90	68·24	67·40	65·74
12	70·74	70·82	69·32	68·15	67·57	67·07	66·99	67·49	67·90	67·90	66·82	65·90
13	70·90	70·82	69·24	68·15	67·57	67·07	66·99	67·74	67·90	67·99	66·49	65·99
14	70·90	70·82	69·24	68·32	67·57	67·24	66·90	67·74	67·90	67·82	66·57	65·99
15	70·90	70·65	68·99	68·24	67·49	67·24	66·74	67·74	67·90	67·82	66·65	65·99
16	70·82	70·57	68·99	68·15	67·57	67·24	66·74	67·74	67·32	68·24	67·82	65·99
17	70·49	70·24	69·15	68·15	67·57	67·24	66·74	67·57	67·82	68·57	67·49	65·99
18	70·49	70·24	69·07	68·07	67·49	67·15	66·82	67·64	67·65	68·74	67·90	66·07
19	70·57	70·24	68·90	68·15	67·32	67·07	66·82	67·65	67·32	68·57	67·57	66·40
20	70·65	70·15	68·90	68·15	67·32	67·07	66·82	67·90	67·24	68·57	67·49	66·49
21	70·74	69·82	68·82	68·15	67·24	67·07	66·90	67·90	67·57	68·40	67·32	66·65
22	70·57	69·74	68·90	68·15	67·15	66·99	66·99	67·90	67·40	68·24	67·40	66·82
23	70·57	69·82	68·82	68·15	67·32	67·40	67·07	68·74	67·24	68·24	67·15	66·74
24	70·40	69·82	68·82	68·07	67·49	67·07	67·24	68·40	67·07	68·74	66·99	66·65
25	70·40	69·99	68·74	68·07	67·49	67·15	67·49	68·15	67·07	68·24	66·82	66·49
26	69·57	69·99	68·74	68·15	67·40	67·24	67·07	68·07	67·24	67·65	66·65	66·49
27	69·49	69·74	68·74	67·99	67·40	67·24	67·40	67·90	67·24	67·65	66·24	67·32
28	69·49	69·82	68·65	67·90	67·40	67·40	67·49	67·65	67·24	67·99	65·74	67·99
29	69·49	69·99	68·65	67·99	67·49	67·07	67·49	67·65	67·24	68·24	.....	68·24
30	69·49	70·24	68·57	67·90	67·49	67·07	67·49	67·74	67·57	67·65	....	68·24
31	.....	69·99	.....	67·90	67·49	.....	67·74	.....	67·32	67·49	.....	68·24

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1914–15.

TABLE No. 677.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·24	69·15	68·40	67·90	67·07	66·74	66·24	66·32	65·99	66·90	66·57	66·65
2	68·32	69·24	68·32	67·82	67·07	66·74	66·24	66·32	65·99	67·24	66·40	66·74
3	68·74	69·24	68·24	67·90	66·99	66·90	66·24	66·24	66·15	67·24	66·07	66·90
4	68·82	69·24	68·07	67·90	66·99	66·82	66·24	66·74	66·15	67·07	66·24	66·57
5	68·74	69·24	68·07	67·90	66·90	66·82	66·15	66·40	66·07	66·99	66·32	66·74
6	68·65	69·32	68·07	67·90	66·90	66·90	65·99	66·32	65·90	66·99	66·40	66·40
7	68·49	69·15	68·07	67·90	66·90	66·99	65·99	66·15	65·82	66·74	65·65	66·24
8	68·24	69·24	68·07	67·90	66·90	66·90	66·07	66·32	65·57	66·40	65·40	66·07
9	68·07	69·24	68·07	67·74	66·99	66·82	66·07	66·15	65·49	66·49	65·32	65·82
10	68·15	69·40	68·15	67·65	66·82	66·65	66·07	66·07	65·40	67·15	65·57	65·90
11	68·49	69·32	68·15	67·57	66·90	66·57	66·40	66·07	65·82	67·07	65·90	65·82
12	68·49	69·15	68·07	67·57	66·82	66·57	66·40	65·99	65·99	66·99	66·40	65·99
13	68·40	69·15	68·07	67·57	66·65	66·57	66·24	65·90	66·07	66·49	66·07	66·15
14	68·24	69·15	68·07	67·49	66·74	66·57	66·15	65·90	66·32	66·99	65·99	66·15
15	67·90	69·15	67·90	67·49	66·90	66·57	66·07	65·90	66·32	67·49	65·90	66·15
16	67·82	69·24	67·90	67·49	66·90	66·49	66·07	66·24	66·24	67·07	65·74	66·07
17	67·90	69·15	67·90	67·57	66·82	66·49	66·07	66·65	66·82	66·65	65·65	66·07
18	68·15	69·15	67·82	67·57	66·82	66·40	66·07	66·40	66·74	66·57	65·65	65·99
19	68·49	69·07	67·74	67·57	66·82	66·40	66·07	66·32	66·90	66·49	65·49	65·99
20	68·57	68·99	67·90	67·49	66·82	66·49	66·07	66·24	67·49	66·32	65·40	65·99
21	68·99	68·90	67·82	67·40	66·82	66·40	66·24	66·24	67·57	66·32	65·74	65·99
22	69·15	68·82	67·82	67·49	66·82	66·40	66·15	66·57	67·82	66·24	65·57	65·99
23	69·07	68·74	67·90	67·40	66·82	66·49	66·15	66·24	67·15	66·24	65·57	66·07
24	68·90	68·57	67·90	67·32	66·90	66·40	66·24	65·65	66·65	66·74	65·57	66·24
25	68·65	68·57	67·90	67·32	66·82	66·49	66·15	65·74	66·49	66·74	65·99	66·57
26	68·74	68·57	67·90	67·49	66·65	66·32	66·15	65·90	66·40	66·90	66·40	67·07
27	68·90	68·57	67·82	67·32	66·57	66·40	66·24	65·99	66·49	66·99	66·40	67·32
28	68·99	68·49	67·65	67·24	66·49	66·40	66·32	66·07	66·82	67·15	66·49	67·24
29	69·06	68·49	67·65	66·99	66·40	66·40	66·24	66·07	67·49	66·99	.....	66·99
30	69·15	68·49	67·82	66·99	66·90	66·32	66·24	66·07	67·32	66·90	.....	66·90
31	.....	68·40	.....	66·99	66·82	.....	66·15	.....	66·49	66·99	.....	66·74

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1870.

TABLE No. 678.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	31·0	38·4	37·9
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	31·0	38·1	37·6
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	30·7	37·9	36·8
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	31·3	37·6	35·7
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	33·0	37·6	36·1
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	35·5	38·1	36·0
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	35·5	39·0	35·8
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	37·3	39·3	36·1
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	39·8	39·1	36·1
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·0	38·9	35·6
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	42·1	37·8	35·2
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·8	38·0	34·8
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·5	37·6	34·4
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	40·9	36·8	33·6
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·1	37·1	35·2
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·3	37·6	35·0
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·5	37·4	35·3
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·6	37·6	35·0
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·2	37·6	35·1
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	40·8	37·1	35·1
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·3	36·8	35·6
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	40·4	37·0	35·6
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	40·2	37·4	35·5
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	41·0	37·6	35·0
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	39·8	37·4	34·1
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	39·8	36·8	34·8
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	40·0	36·9	35·0
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	39·6	37·4	35·1
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	39·3	.....	35·0
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	39·6	.....	35·0
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	38·9	.....	35·3

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1870–71.

TABLE No. 679.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	35·6	32·4	27·1	25·3	24·7	23·9	23·2	23·8	23·8	32·3	36·7	34·3
2	36·3	32·1	27·1	25·2	24·8	24·0	23·2	23·8	23·6	33·4	36·5	34·3
3	36·4	32·1	26·9	25·1	24·8	24·1	23·3	23·8	23·6	34·6	35·8	34·4
4	36·8	32·3	26·8	25·1	24·8	24·2	23·3	23·8	23·7	36·3	35·3	34·0
5	38·3	32·0	26·8	25·0	24·7	24·1	23·3	23·8	23·7	38·1	34·0	34·2
6	37·6	31·8	26·6	25·0	24·7	24·0	23·4	23·8	23·8	37·3	34·0	34·4
7	37·8	31·6	26·6	24·9	24·6	23·9	23·3	23·9	23·8	37·6	34·6	34·6
8	38·0	31·6	26·7	24·9	24·7	23·8	23·2	24·4	23·8	38·7	35·1	34·6
9	42·4	31·5	26·7	24·8	24·6	23·7	23·1	24·3	23·8	38·9	35·0	34·8
10	42·1	31·3	26·6	24·8	24·6	23·8	23·1	24·4	23·4	39·1	35·6	35·4
11	42·1	31·0	26·4	24·8	24·6	23·8	23·1	24·4	23·3	38·8	34·9	35·8
12	40·8	30·8	26·3	24·9	24·6	23·8	23·2	24·5	23·3	39·6	34·9	36·0
13	39·3	30·6	26·3	24·9	24·5	23·8	23·2	24·5	23·4	39·8	34·8	37·0
14	38·3	30·5	26·3	25·0	24·5	23·7	23·2	24·4	23·6	40·3	34·8	37·6
15	38·0	30·3	26·3	25·2	24·4	23·7	23·1	24·3	23·8	39·3	34·4	37·6
16	36·8	30·4	26·3	25·1	24·3	23·7	23·1	24·3	23·6	38·8	34·9	37·3
17	36·1	29·6	26·3	25·2	24·3	23·6	23·0	24·3	23·3	38·1	34·8	37·3
18	36·6	30·3	26·3	25·2	24·4	23·6	22·8	24·3	23·4	37·5	35·0	37·2
19	33·1	29·1	26·2	25·0	24·3	23·5	22·9	24·2	23·6	37·0	34·3	37·2
20	32·3	28·8	26·0	25·0	24·4	23·4	23·0	24·1	23·8	36·3	33·8	36·8
21	32·3	28·8	25·8	24·8	24·3	23·4	23·1	24·1	23·8	37·5	33·7	36·8
22	32·2	28·6	25·7	24·8	24·1	23·3	23·1	24·2	23·9	36·7	33·6	36·6
23	32·2	29·4	25·4	24·8	24·2	23·4	23·2	24·0	23·9	36·5	33·8	36·6
24	32·1	28·3	25·5	24·8	24·1	23·4	23·1	24·0	24·1	35·1	34·5	36·3
25	32·3	28·1	25·7	24·7	24·0	23·4	23·3	23·9	24·2	35·6	34·4	36·1
26	32·0	28·0	25·7	24·7	24·1	23·3	23·5	23·9	24·3	34·8	34·6	35·8
27	32·1	27·8	25·6	24·7	24·0	23·3	23·6	24·0	25·3	34·8	34·6	35·6
28	31·8	27·6	25·6	24·8	23·8	23·3	23·8	24·1	25·9	34·9	34·6	35·3
29	32·0	27·4	25·5	24·8	23·9	23·3	23·9	23·9	27·1	34·9	.....	35·1
30	32·3	27·3	25·4	24·7	23·9	23·2	23·9	23·8	28·8	34·8	.....	35·0
31	.....	27·2	.....	24·7	23·9	.....	23·8	.....	28·8	34·8	.....	35·0

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1871–72.

TABLE No. 680.

1	35·6	28·6	27·8	25·1	24·1	23·3	22·5	22·3	21·8	34·2	31·4	30·6
2	37·6	28·8	27·4	25·0	24·1	23·3	22·4	22·4	21·8	33·3	31·3	30·8
3	34·8	28·9	27·4	25·0	24·0	23·3	22·4	22·3	22·4	32·9	31·4	31·6
4	32·8	29·1	27·3	24·9	23·9	23·3	22·3	22·2	24·3	32·6	31·6	31·9
5	32·0	29·3	27·3	24·8	24·0	23·1	22·3	22·1	25·0	33·4	32·0	31·3
6	30·9	29·6	27·3	24·8	23·9	22·9	22·3	21·9	28·1	33·3	31·8	30·6
7	29·8	29·9	26·9	24·8	23·8	23·0	22·3	21·9	30·8	33·0	31·3	30·0
8	29·0	29·9	26·7	24·8	23·7	22·8	22·1	21·8	31·9	32·8	31·1	30·3
9	28·1	30·1	26·8	24·8	23·8	22·6	21·9	21·8	32·3	32·3	30·9	30·8
10	27·8	30·1	26·6	24·8	23·8	22·6	21·9	21·8	33·3	32·9	30·8	31·3
11	28·1	30·0	26·6	24·6	23·7	22·6	22·0	21·7	35·5	34·2	30·8	31·8
12	28·3	30·0	26·4	24·5	23·6	22·5	22·0	21·8	36·8	34·6	30·9	31·4
13	28·3	29·8	26·5	24·4	23·6	22·5	22·1	21·8	36·6	34·3	31·1	31·0
14	27·8	29·6	26·4	24·3	23·3	22·4	22·0	21·8	36·8	33·3	30·9	31·7
15	27·4	29·4	26·4	24·3	23·3	22·3	21·8	22·1	36·6	32·3	30·7	31·3
16	27·1	29·4	26·3	24·3	23·3	22·3	21·9	22·3	36·6	32·3	30·6	30·9
17	26·8	29·2	26·3	24·3	23·3	22·3	22·1	22·3	36·8	31·3	30·6	31·4
18	26·6	29·1	26·1	24·3	23·3	22·3	22·1	22·2	37·0	31·9	30·4	32·1
19	26·8	28·9	26·1	24·3	23·3	22·3	22·3	22·0	36·8	32·9	30·4	31·6
20	26·6	28·8	26·0	24·3	23·3	22·3	22·3	22·0	36·6	33·0	30·6	31·2
21	26·9	28·6	26·2	24·3	23·2	22·3	22·1	22·0	36·6	33·2	30·8	30·9
22	27·3	28·4	26·0	24·3	23·0	22·2	22·1	22·1	36·4	33·1	30·9	31·3
23	27·4	28·3	25·9	24·3	22·8	22·0	22·0	22·1	36·3	33·8	30·9	31·6
24	27·6	28·2	25·8	24·3	22·9	22·0	22·0	22·0	36·6	32·8	30·8	32·1
25	27·6	28·2	25·6	24·2	23·0	22·2	21·9	22·0	36·3	32·6	30·8	31·4
26	27·8	28·1	25·5	24·2	23·0	22·3	21·9	21·9	35·5	32·3	30·6	32·3
27	27·8	28·1	25·4	24·3	23·0	22·3	22·2	21·8	35·0	32·1	30·3	32·3
28	28·0	27·9	25·2	24·2	23·1	22·4	22·2	21·8	34·0	32·1	29·9	32·3
29	28·2	27·7	25·2	24·2	22·7	22·4	22·3	21·8	34·3	32·0	30·4	32·3
30	28·3	27·6	25·2	24·1	22·9	22·5	22·3	21·8	34·3	31·8	.....	31·5
31	.....	27·8	.....	24·0	23·0	.....	22·3	.....	34·3	31·6	.....	31·3

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1872–73.

TABLE No. 681.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	32·3	26·4	26·7	24·0	22·7	22·2	22·6	23·3	21·8	31·3	30·4	31·1
2	32·1	25·6	26·7	23·9	22·6	22·3	22·5	23·3	21·8	30·8	30·1	31·3
3	31·8	25·6	26·6	23·9	22·7	22·3	22·4	23·4	22·0	31·6	29·8	31·3
4	32·1	25·6	26·6	23·8	22·7	22·3	22·4	23·3	22·0	32·8	30·3	30·4
5	31·9	25·7	26·5	23·8	22·6	22·1	22·3	23·3	21·9	32·8	30·8	30·3
6	32·1	25·7	26·6	23·7	22·6	22·1	22·2	23·4	21·9	33·0	30·8	30·3
7	32·2	25·9	26·6	23·7	22·6	22·3	22·6	23·1	21·9	31·9	31·0	30·4
8	32·3	26·3	26·8	23·6	22·5	22·3	23·1	23·1	21·8	31·1	31·3	30·1
9	32·7	26·6	26·6	23·6	22·5	22·4	23·5	22·8	21·8	31·7	30·8	30·8
10	33·5	26·8	26·6	23·5	22·4	22·3	23·5	22·8	21·8	31·6	30·8	30·5
11	34·0	27·0	26·5	23·5	22·4	22·2	23·3	22·9	21·8	31·3	29·8	30·6
12	34·3	26·8	26·5	23·3	22·4	22·1	23·3	22·9	21·8	31·3	29·8	30·7
13	34·6	27·1	26·3	23·3	22·3	22·1	23·3	23·1	22·0	31·5	29·7	30·8
14	34·8	27·3	26·1	23·1	22·3	22·2	23·4	22·9	22·3	31·5	29·8	30·9
15	34·8	27·4	26·0	23·0	22·3	22·2	23·5	22·8	22·3	31·6	30·5	30·9
16	34·7	27·4	25·8	23·0	22·3	22·3	23·5	22·8	23·1	31·3	29·7	30·8
17	34·3	27·3	25·8	23·1	22·3	22·3	23·5	23·0	23·4	32·6	30·1	30·8
18	34·1	27·3	25·6	23·1	22·3	22·4	23·6	23·0	23·6	32·4	30·5	30·8
19	34·4	27·2	25·6	23·1	22·3	22·7	23·8	22·9	24·8	32·1	30·9	30·9
20	35·4	27·2	25·5	23·2	22·4	22·7	23·6	22·8	25·1	31·6	30·4	31·1
21	34·8	27·3	25·5	23·2	22·5	22·8	23·5	22·8	25·3	31·8	30·1	31·1
22	35·3	27·3	25·3	23·3	22·4	22·8	23·3	22·3	26·1	31·8	29·8	31·2
23	35·9	27·3	25·2	23·3	21·6	22·8	23·3	22·3	28·3	31·3	29·8	31·0
24	36·1	27·2	25·0	23·3	22·5	22·9	23·2	22·3	30·1	31·0	29·8	30·8
25	35·6	27·2	24·8	23·2	22·5	22·9	23·2	22·2	32·8	30·8	30·3	30·8
26	35·1	27·1	24·6	23·2	22·3	22·8	23·1	22·2	32·8	30·2	30·7	30·7
27	32·8	27·0	24·5	23·1	22·3	22·8	22·9	22·2	32·8	30·8	30·8	30·7
28	31·0	26·9	24·2	23·0	22·3	22·8	22·9	22·1	31·7	30·8	31·3	30·8
29	28·3	26·8	24·1	22·9	22·2	22·7	22·8	21·9	31·8	30·8	.....	31·4
30	26·8	26·8	23·9	22·9	22·1	22·5	23·0	21·9	31·8	30·3	.....	31·4
31	.....	26·7	.....	22·8	22·1	.....	23·2	.....	31·8	30·8	.....	31·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1873–74.

TABLE No. 682.

1	32·3	30·2	30·7	25·9	24·4	23·1	22·8	24·6	25·8	40·3	37·8	35·8
2	32·6	29·5	30·5	25·9	24·4	23·0	22·8	24·4	28·1	40·3	37·6	36·3
3	33·1	29·1	30·3	26·1	24·4	23·0	22·9	24·4	28·6	39·6	37·1	36·3
4	33·6	28·9	30·0	26·0	24·3	22·9	22·8	24·3	28·6	39·1	37·1	36·4
5	34·1	28·6	29·8	26·0	24·3	22·9	22·8	24·5	29·4	37·8	36·8	36·2
6	34·3	28·4	29·7	25·8	24·2	23·1	22·9	24·5	29·8	38·4	35·8	35·9
7	34·3	28·3	29·5	25·8	24·2	23·0	22·9	24·4	30·1	39·1	35·6	36·8
8	34·6	28·3	28·6	25·7	24·1	23·0	23·3	24·3	30·3	39·6	35·6	37·0
9	34·8	28·3	28·3	25·7	24·1	22·9	23·4	24·2	30·3	39·3	35·9	37·2
10	35·3	28·6	28·0	25·6	24·1	22·9	23·6	24·2	29·6	39·8	36·8	36·6
11	36·4	28·8	27·7	25·6	24·0	22·9	23·8	24·0	29·3	39·4	36·8	36·3
12	37·9	29·1	27·6	25·5	24·0	22·8	23·8	24·0	29·2	38·7	36·6	36·1
13	38·3	29·3	27·6	25·4	23·9	22·8	23·8	24·3	29·2	39·1	36·6	34·8
14	38·8	29·7	28·4	25·3	23·8	22·8	23·6	23·8	29·0	39·3	37·4	34·3
15	39·2	29·9	28·2	25·3	23·8	22·8	23·4	23·9	28·7	40·1	37·6	34·6
16	39·3	30·4	28·2	25·2	23·6	22·6	23·4	23·6	29·2	40·1	37·8	34·8
17	44·1	30·5	27·7	25·2	23·6	22·6	23·3	23·6	30·3	39·1	37·6	35·4
18	43·9	30·7	27·5	25·2	23·4	22·6	23·2	23·5	30·3	39·4	37·4	35·6
19	40·9	30·7	27·4	25·1	23·4	22·6	23·4	23·5	29·8	40·0	37·1	35·8
20	39·4	30·6	27·4	25·1	23·4	22·7	23·9	23·4	30·3	39·8	36·6	36·1
21	38·3	30·6	27·2	25·0	23·3	22·7	24·3	23·4	29·6	39·1	36·6	36·6
22	37·5	30·4	27·2	24·8	23·3	22·6	24·5	23·4	32·4	38·5	36·4	37·1
23	36·1	30·3	26·8	24·8	23·3	22·6	24·6	23·6	33·3	39·8	36·3	36·8
24	33·1	30·3	26·6	24·8	23·3	22·7	24·7	23·9	33·4	39·6	36·0	36·3
25	32·3	30·4	26·6	24·7	23·3	22·6	24·7	24·2	33·3	39·1	35·3	36·3
26	32·3	30·7	26·3	24·7	23·3	22·8	24·6	24·2	33·4	38·6	36·1	36·8
27	32·5	30·7	26·2	24·5	23·3	22·8	24·6	24·3	34·8	38·4	35·6	36·6
28	32·4	30·8	26·2	24·5	23·3	22·8	24·6	24·4	37·3	38·3	35·3	36·6
29	32·0	30·8	26·1	24·5	23·0	22·8	24·6	24·6	38·2	38·0	.....	36·3
30	31·0	30·8	26·1	24·4	23·0	22·8	24·7	25·1	38·3	38·0	.....	36·0
31	.....	30·7	.....	24·4	23·0	.....	24·6	.....	40·2	37·9	.....	35·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1874–75.

TABLE No. 683.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	35·1	27·0	30·0	27·6	25·2	23·0	22·6	22·2	21·8	34·8	33·5	29·4
2	35·0	27·0	29·6	27·8	25·2	22·9	22·6	22·1	21·9	35·2	32·2	30·1
3	35·7	26·8	29·4	27·8	25·1	23·0	22·7	22·1	21·9	35·2	30·6	30·8
4	35·0	26·8	29·3	27·6	25·0	23·1	22·7	22·0	22·1	35·4	31·0	31·1
5	34·8	26·6	29·3	27·5	24·8	22·9	22·6	22·0	22·0	35·6	29·8	30·3
6	35·8	26·3	29·3	27·3	24·7	22·8	22·6	22·1	22·0	35·3	29·6	30·8
7	35·3	26·0	29·2	27·2	24·6	22·9	22·6	22·2	22·1	34·2	29·6	30·8
8	35·2	25·8	29·0	27·1	24·4	22·8	22·5	22·1	22·0	33·8	29·4	30·8
9	35·0	25·8	29·0	27·0	24·3	22·9	22·4	22·0	21·8	33·6	29·1	31·1
10	35·0	25·8	29·2	26·8	24·2	23·0	22·4	22·2	21·8	33·6	28·8	31·1
11	34·8	25·8	29·1	26·7	24·1	23·0	22·5	22·1	21·8	33·8	28·6	31·3
12	34·3	26·4	29·0	26·4	24·0	22·9	22·7	22·1	21·8	34·3	28·8	31·5
13	34·4	26·3	28·7	26·3	24·0	22·8	22·7	22·0	22·0	33·4	28·8	31·3
14	34·4	26·6	28·6	26·2	24·1	22·8	22·6	21·9	22·0	33·6	29·0	31·4
15	34·8	26·8	28·6	26·0	24·1	22·6	22·6	21·8	22·0	33·1	29·2	31·3
16	35·3	27·0	28·6	26·0	24·0	22·8	22·4	21·8	22·3	33·0	29·1	31·6
17	35·7	27·6	28·7	26·0	23·8	23·1	22·4	21·8	26·8	32·3	28·8	31·6
18	35·6	28·0	28·8	25·8	23·7	22·9	22·4	21·8	28·8	32·8	29·6	31·3
19	35·8	28·6	28·8	25·7	23·6	22·8	22·5	21·8	29·7	33·1	29·8	30·4
20	35·6	29·0	28·8	25·6	23·6	22·8	22·4	21·8	34·2	33·6	30·4	30·8
21	37·3	29·6	28·8	25·6	23·7	22·8	22·3	21·8	30·7	33·3	30·1	31·0
22	35·3	29·8	28·8	25·5	23·6	22·7	22·2	21·9	32·8	33·4	29·8	31·8
23	31·0	29·9	28·7	25·3	23·4	22·6	22·1	22·0	35·4	33·1	30·6	32·1
24	31·4	30·1	28·7	25·2	23·6	22·6	22·1	22·0	34·3	32·8	30·8	31·8
25	30·6	30·1	28·6	25·0	23·4	22·6	22·1	22·2	33·2	32·8	30·8	32·1
26	30·3	29·9	28·6	25·0	23·3	22·6	22·0	22·2	33·2	32·0	30·4	32·1
27	29·1	29·9	28·4	25·0	23·3	22·6	22·1	22·0	33·3	31·3	29·8	32·3
28	28·6	29·8	28·1	24·9	23·3	22·7	22·2	21·8	34·2	31·5	29·8	32·3
29	28·4	29·8	27·9	25·1	23·2	22·6	22·2	21·9	33·8	31·8	.....	32·3
30	27·6	29·6	27·6	25·1	23·0	22·6	22·1	21·8	35·2	31·8	.....	32·2
31	.....	29·5	.....	25·2	23·0	.....	22·1	.....	34·7	32·8	.....	32·3

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1875–76.

TABLE No. 684.

1	32·3	28·4	28·5	24·4	23·3	22·8	22·4	23·1	24·8	35·6	32·8	33·0
2	32·7	27·3	28·1	24·3	23·2	22·8	22·6	23·2	27·3	35·3	32·6	33·0
3	33·4	26·6	27·8	24·0	23·1	22·8	22·5	23·0	29·1	35·1	32·1	32·8
4	33·8	26·1	27·7	24·0	23·2	22·8	22·6	22·8	30·4	34·9	32·3	32·8
5	33·9	26·2	27·5	24·1	23·1	22·8	22·7	22·6	31·1	34·0	31·8	33·2
6	34·3	26·1	27·3	24·3	23·1	22·8	22·7	22·5	31·6	33·9	31·1	33·4
7	34·3	25·9	27·2	24·1	23·0	22·8	22·2	22·4	31·6	34·1	32·8	33·8
8	34·0	25·8	26·9	24·1	23·0	22·6	22·3	22·4	32·3	33·9	33·2	34·7
9	33·8	26·1	26·7	23·9	23·0	22·6	22·4	22·3	33·1	34·1	32·4	35·2
10	33·8	26·6	26·6	23·8	23·1	22·8	22·3	22·3	31·3	34·4	31·8	34·8
11	33·9	27·2	26·4	23·8	23·0	22·5	22·2	22·3	34·3	33·6	32·4	34·7
12	34·1	27·8	26·1	23·7	22·9	22·3	22·4	22·2	34·6	33·1	32·8	34·8
13	34·3	28·1	25·9	23·6	23·0	22·2	22·3	22·2	34·9	32·0	32·8	34·9
14	34·3	28·6	25·7	23·5	23·0	22·3	22·2	22·2	36·0	32·0	32·4	34·3
15	34·3	29·1	25·4	23·5	23·0	22·3	22·3	22·3	38·4	32·4	32·4	33·4
16	34·3	29·8	25·3	23·6	23·1	22·4	22·1	22·3	37·2	32·9	32·8	33·8
17	34·6	29·9	25·3	23·6	23·2	22·6	22·8	22·1	37·9	33·3	32·8	33·8
18	34·6	30·2	25·1	23·6	23·3	22·8	22·8	22·1	37·4	33·6	32·8	34·1
19	34·8	30·4	24·9	23·5	23·4	22·8	22·9	22·0	36·6	35·1	32·8	34·0
20	34·3	30·4	24·8	23·5	23·3	22·7	22·9	22·1	35·8	35·4	32·9	34·0
21	34·3	30·4	24·7	23·3	23·5	22·6	22·8	22·1	36·8	31·8	32·4	34·2
22	34·1	30·2	24·6	23·3	23·5	22·6	22·5	22·2	37·6	33·2	33·3	34·3
3	34·0	30·2	24·5	23·4	23·4	22·4	22·6	22·2	37·0	33·0	33·2	34·3
24	34·0	30·1	24·6	23·4	23·2	22·2	22·5	22·1	35·8	32·8	32·8	34·4
25	34·3	29·9	24·7	23·5	23·2	22·1	22·5	22·0	37·1	32·3	32·0	34·3
26	35·7	29·9	24·6	23·5	23·0	22·1	22·6	22·1	36·4	32·3	31·9	35·0
27	36·3	29·4	24·5	23·4	23·0	22·2	22·4	22·3	37·2	32·6	31·8	34·8
28	32·8	29·2	24·5	23·4	22·9	22·3	22·5	22·3	35·4	33·0	31·8	34·8
29	31·2	29·1	24·3	23·3	22·9	22·2	22·8	22·3	34·7	34·1	31·4	34·8
30	30·0	28·8	24·3	23·3	22·8	22·3	22·9	22·8	35·2	32·9	.....	34·7
31	.....	28·7	.....	22·3	22·8	.....	23·1	.....	35·7	32·4	.....	34·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1876–77.

TABLE No. 685.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	34·8	32·6	32·4	28·0	25·3	23·8	23·4	23·3	23·3	37·6	35·8	33·8
2	34·7	31·8	32·0	27·8	25·3	23·8	23·4	23·3	23·3	37·6	35·8	33·6
3	34·5	31·7	31·9	27·7	25·0	23·8	23·3	23·6	23·4	37·1	36·4	33·9
4	34·8	31·3	31·7	27·7	25·0	23·8	23·3	23·8	23·4	37·1	35·4	34·1
5	34·8	31·2	31·3	27·6	24·9	23·9	23·4	23·8	23·3	36·8	34·8	34·1
6	35·2	31·0	31·1	27·6	24·8	23·9	23·4	23·8	23·3	36·9	35·0	33·9
7	35·4	31·2	30·9	27·6	24·8	23·8	23·5	23·8	23·4	37·2	34·9	33·9
8	35·6	31·4	30·7	27·6	24·7	23·8	23·7	23·8	23·8	37·7	34·5	33·8
9	35·8	31·8	30·6	27·5	24·5	23·9	23·8	23·8	24·3	37·9	34·0	33·8
10	35·8	31·8	30·2	27·5	24·5	23·8	23·6	23·9	24·9	37·2	34·3	33·8
11	35·9	32·7	30·2	27·6	24·4	23·8	23·7	23·9	25·4	37·2	34·8	33·9
12	35·8	33·2	30·1	27·5	24·4	23·8	23·6	23·8	26·9	36·8	34·8	33·8
13	36·1	33·6	29·8	27·4	24·3	23·6	23·5	23·8	27·3	36·6	34·5	33·7
14	36·2	34·0	29·6	27·3	24·2	23·4	23·5	23·9	28·6	36·1	33·0	33·5
15	37·0	34·3	29·5	27·2	24·2	23·4	23·4	23·9	29·0	34·9	33·6	33·8
16	37·5	34·3	29·3	26·7	24·1	23·3	23·3	23·9	30·4	35·4	35·2	33·7
17	38·8	34·3	29·2	26·7	24·3	23·4	23·3	23·8	30·8	34·9	35·2	34·0
18	39·0	34·0	29·2	26·6	24·2	23·6	23·3	23·8	34·1	35·1	34·8	33·2
19	39·3	34·1	29·4	26·5	24·2	23·6	23·3	23·8	38·3	35·3	34·9	32·8
20	38·8	34·0	29·6	26·3	24·3	23·7	23·3	23·8	40·5	35·3	33·8	32·8
21	38·6	33·9	29·4	26·3	24·5	23·7	23·3	23·8	40·1	35·1	33·8	33·4
22	39·3	33·9	29·4	26·3	24·6	23·8	23·3	23·8	40·4	34·8	34·6	33·8
23	39·4	34·0	29·4	25·9	24·5	23·8	23·2	23·9	40·4	34·8	34·3	34·2
24	39·8	33·8	29·2	25·9	24·4	23·5	23·2	23·9	40·0	34·4	34·5	33·8
25	37·6	34·0	29·2	25·8	24·3	23·3	23·3	23·8	39·3	34·0	33·8	33·6
26	35·8	33·7	29·2	25·8	24·2	23·4	23·3	23·8	39·6	34·3	33·6	33·7
27	35·3	33·6	28·8	25·8	24·0	23·5	23·2	23·6	39·3	34·9	33·3	34·0
28	34·7	33·3	28·6	25·7	23·9	23·4	23·2	23·6	39·2	35·3	33·5	34·4
29	33·9	33·3	28·3	25·7	23·9	23·3	23·3	23·5	39·0	35·1	.....	35·3
30	32·5	33·2	.....	25·4	23·9	23·4	23·3	23·6	39·0	35·3	.....	35·3
31	.....	32·6	.....	25·3	23·8	.....	23·3	.....	38·9	35·4	.....	35·3

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1877–78.

TABLE No. 686.

1	35·4	26·8	24·8	23·8	23·5	22·8	22·1	22·0	23·4	22·7	39·1	34·1
2	35·7	26·8	24·7	23·8	23·3	22·7	22·1	22·2	23·4	22·7	37·8	34·0
3	35·8	26·8	24·7	23·9	23·2	22·8	22·0	22·3	23·3	22·8	38·1	34·8
4	35·9	26·6	24·8	23·9	23·1	22·7	22·2	22·3	23·3	23·1	38·3	34·8
5	36·1	26·3	24·6	23·8	23·0	22·7	22·1	22·3	23·3	23·8	38·8	34·1
6	36·0	26·3	24·5	23·8	23·0	22·8	22·0	22·3	23·3	25·3	38·7	34·8
7	35·9	26·1	24·4	23·8	22·9	22·7	22·0	22·5	23·5	26·2	38·2	34·8
8	36·2	26·0	24·3	23·7	22·9	22·6	21·9	22·4	23·5	28·1	37·8	34·8
9	36·0	26·1	24·3	23·7	23·1	22·5	21·9	22·5	23·4	30·8	37·5	35·2
10	36·1	25·8	24·3	23·8	23·3	22·4	22·1	22·3	23·4	31·3	37·0	35·3
11	36·4	25·8	24·1	23·9	23·3	22·5	22·3	22·5	23·5	31·6	36·3	34·9
12	36·7	25·7	24·1	23·9	23·3	22·5	22·3	22·5	23·4	32·5	35·3	34·5
13	36·9	25·3	24·1	23·8	23·3	22·4	22·4	22·4	23·4	32·2	35·8	34·3
14	34·8	25·3	24·0	23·8	23·3	22·5	22·4	22·3	23·4	32·0	36·3	34·3
15	33·3	25·1	24·1	23·8	23·3	22·5	22·5	22·3	23·3	31·8	36·1	34·4
16	31·5	25·0	24·1	23·8	23·3	22·3	22·3	22·3	23·3	31·8	35·9	34·4
17	30·8	25·1	24·1	23·8	23·3	22·3	22·2	22·3	33·3	33·8	35·6	34·3
18	29·7	25·3	24·0	23·7	23·2	22·3	22·0	22·4	23·3	34·5	35·4	34·8
19	27·3	25·0	24·1	23·6	23·0	22·2	22·0	22·8	23·2	36·6	34·8	35·3
20	26·8	25·1	24·0	23·7	22·9	22·2	22·1	22·6	23·3	36·4	34·8	32·8
21	26·8	25·2	24·0	23·6	22·9	22·2	22·0	22·6	23·3	35·6	35·3	30·4
22	26·7	25·1	23·9	23·6	23·0	22·3	21·9	22·4	23·2	36·0	35·5	29·3
23	26·8	25·0	23·8	23·5	22·9	22·3	21·9	22·4	23·1	35·3	35·3	28·8
24	26·7	25·1	23·8	23·5	22·8	22·0	21·9	22·8	23·0	36·0	35·3	28·3
25	26·6	25·2	24·0	23·6	22·9	22·0	22·0	22·8	22·8	38·9	35·4	28·0
26	26·8	25·2	23·9	23·6	23·0	22·1	22·2	22·8	22·8	38·8	35·3	27·8
27	26·8	25·1	24·1	23·6	23·0	22·1	21·9	23·0	22·8	39·6	35·1	27·6
28	26·8	25·2	24·0	23·7	23·0	22·0	21·8	23·2	22·8	39·1	35·3	27·2
29	26·8	25·1	23·8	23·6	22·8	22·1	21·9	23·4	22·8	39·8	.....	26·8
30	26·8	24·9	23·8	23·5	22·8	22·1	21·9	23·4	22·8	39·6	.....	26·6
31	.....	24·8	.....	23·6	22·8	.....	22·0	.....	22·7	39·4	.....	25·9

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1878–79.

TABLE No. 687.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	25·6	25·9	25·3	24·1	23·8	23·6	23·6	25·6	25·4	26·3	38·8	34·0
2	25·3	26·0	25·2	24·1	23·8	23·7	23·5	25·8	25·8	26·1	38·4	34·3
3	25·3	26·1	25·2	24·3	23·8	23·7	23·6	25·8	25·8	26·2	37·9	34·8
4	25·0	25·8	25·3	24·3	23·9	23·8	23·6	25·8	25·6	26·3	37·5	35·2
5	24·8	25·9	25·2	24·3	23·9	23·8	23·6	25·6	25·6	26·0	38·0	35·3
6	24·8	26·1	25·2	24·3	23·8	23·8	23·5	25·4	25·7	25·8	37·6	34·2
7	24·8	26·3	25·1	24·2	23·9	23·7	23·4	25·0	25·4	25·4	37·0	33·8
8	24·7	26·5	24·9	24·2	23·8	23·8	23·3	25·0	25·2	25·3	37·2	34·1
9	24·7	26·5	24·9	24·1	23·8	23·7	23·3	25·2	25·0	25·0	36·7	34·6
10	24·4	26·8	24·8	23·9	23·9	23·4	23·5	25·3	25·2	25·2	35·8	34·7
11	24·5	26·7	24·8	23·9	23·8	23·4	23·5	25·3	26·0	25·3	35·8	34·8
12	24·8	26·6	24·7	23·8	23·9	23·3	23·7	25·3	26·8	25·2	36·3	34·8
13	25·0	26·8	24·8	23·8	23·9	23·3	23·7	24·8	26·8	25·1	36·2	34·6
14	25·7	26·7	24·8	23·8	24·1	23·2	23·6	25·1	26·5	25·5	35·8	34·8
15	26·0	26·6	24·7	23·8	24·3	23·2	23·6	24·8	26·0	25·4	35·9	34·7
16	25·9	26·3	24·6	23·9	24·2	23·3	23·5	24·8	26·0	25·4	36·3	34·3
17	25·8	26·3	24·6	23·8	24·2	23·3	23·6	24·8	25·9	26·0	36·0	34·2
18	25·6	26·3	24·5	23·8	24·2	23·2	23·6	24·7	25·6	26·8	35·6	34·0
19	25·8	26·1	24·5	23·8	24·3	23·2	23·9	24·6	26·0	29·4	35·0	34·3
20	25·7	25·8	24·4	23·8	24·2	23·3	23·9	24·6	26·3	30·8	35·0	34·3
21	25·6	25·9	24·4	23·8	24·3	23·3	23·8	24·5	26·1	31·3	35·1	34·2
22	25·6	25·9	24·3	23·7	24·2	23·3	24·2	24·8	26·4	32·9	34·9	33·8
23	25·7	25·7	24·3	23·7	24·0	23·4	24·2	25·0	26·6	33·3	35·1	34·1
24	25·6	26·3	24·3	23·6	23·9	23·3	24·2	25·3	27·4	33·3	35·4	34·0
25	25·3	25·7	24·4	23·8	23·8	23·2	24·4	25·3	26·3	34·3	35·2	34·3
26	25·4	25·6	24·4	23·6	23·8	23·2	24·4	25·5	26·4	35·0	34·6	33·9
27	25·4	25·6	24·3	23·7	23·7	23·3	24·8	25·3	26·4	36·3	34·6	34·1
28	25·3	25·5	24·2	23·7	23·7	23·5	24·9	25·6	26·6	38·9	33·8	34·3
29	25·5	25·4	24·3	23·8	23·7	23·4	25·1	25·4	26·8	38·6	.....	35·2
30	25·9	25·4	24·2	23·8	23·6	23·6	25·3	25·2	26·8	38·8	.....	35·6
31	.....	25·3	.....	23·8	23·6	.....	25·6	.....	27·4	38·9	.....	34·4

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1879–80.

TABLE No. 688.

1	34·2	28·1	28·0	25·3	24·1	22·7	22·5	21·4	21·7	37·5	35·4	32·9
2	34·2	28·3	28·0	25·0	24·1	22·7	22·4	21·4	21·8	37·9	34·3	33·4
3	34·5	28·5	27·8	25·0	24·0	22·6	22·4	21·4	22·2	37·8	33·6	33·8
4	34·3	28·8	27·5	24·8	24·0	22·6	22·3	21·5	22·3	37·8	33·5	34·1
5	34·3	29·0	27·3	24·9	23·9	22·7	22·3	21·4	22·1	37·3	33·2	33·8
6	35·2	29·1	27·3	24·8	23·8	22·8	22·3	21·3	22·2	37·0	33·8	33·8
7	35·8	29·3	27·1	24·7	23·8	22·7	22·4	21·1	22·3	36·8	33·4	33·8
8	35·3	29·3	26·9	24·6	23·8	22·8	22·3	21·0	22·5	36·9	34·1	33·5
9	35·1	29·3	26·8	24·4	23·6	22·8	22·3	21·0	22·6	37·1	33·9	33·4
10	34·8	29·3	26·8	24·6	23·6	22·7	22·4	21·2	22·7	37·6	32·7	33·3
11	34·5	29·3	26·8	24·5	23·4	22·6	22·4	21·2	22·8	37·1	32·8	33·3
12	34·4	29·2	26·6	24·3	23·3	22·5	22·5	21·3	23·1	35·9	33·9	33·3
13	34·8	29·0	26·4	24·3	23·2	22·4	22·4	21·3	23·3	35·8	34·7	32·3
14	34·8	29·0	26·3	24·3	23·1	22·4	22·3	21·3	23·5	35·3	34·3	32·3
15	35·0	29·3	26·3	24·2	23·0	22·5	22·0	21·3	23·4	34·8	33·4	32·5
16	35·5	29·6	26·3	24·2	22·8	22·4	21·8	21·8	23·5	35·7	33·6	32·8
17	35·8	29·6	26·3	24·3	22·8	22·4	21·9	22·6	23·5	36·1	33·3	32·7
18	38·0	29·8	26·2	24·3	22·8	22·5	21·9	22·6	23·6	36·3	33·7	32·7
19	39·8	30·6	26·2	24·2	22·8	22·7	22·0	21·9	23·6	35·8	33·6	32·8
20	38·0	31·1	25·9	24·1	22·8	22·7	22·0	22·0	24·6	35·1	32·4	32·8
21	37·3	31·2	25·9	24·1	22·8	22·7	21·9	22·2	25·8	34·5	32·3	32·6
22	35·7	31·0	25·8	24·1	22·9	22·6	21·8	22·3	27·6	33·9	32·9	32·4
23	34·3	30·8	25·8	24·2	22·8	22·6	21·7	22·2	29·8	34·2	33·9	32·3
24	33·2	30·6	25·5	24·2	22·8	22·5	21·8	22·0	31·1	35·6	33·1	31·9
25	30·8	30·2	25·4	24·3	23·0	22·4	21·6	22·0	32·3	34·4	32·3	31·3
26	29·3	30·1	25·3	24·3	23·1	22·4	21·5	22·3	33·8	35·2	33·3	31·3
27	28·3	29·5	25·3	24·1	22·9	22·3	21·4	21·9	35·0	35·3	33·7	31·8
28	28·0	29·2	25·3	24·1	22·8	22·3	21·5	21·8	37·8	35·6	33·7	31·4
29	27·9	28·9	25·2	24·1	22·8	22·3	21·7	21·8	37·3	34·3	34·0	31·8
30	28·1	28·6	25·3	24·2	22·8	22·3	21·8	21·8	37·8	34·0	.....	31·4
31	.....	29·3	.....	24·2	22·8	.....	21·7	.....	37·8	35·0	.....	31·6

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1880–81.

TABLE No. 689.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	31·8	27·8	28·3	25·5	23·9	22·4	21·9	22·1	23·2	36·0	30·5	30·3
2	32·3	27·6	28·3	25·4	23·9	22·3	21·8	22·3	23·3	36·3	30·6	30·7
3	32·6	27·6	28·2	25·3	23·8	22·5	21·9	22·4	23·3	35·5	30·1	30·7
4	33·3	27·6	28·1	25·2	23·8	22·6	22·1	22·7	23·8	34·4	29·6	30·8
5	34·4	27·8	27·8	25·1	23·8	22·6	22·3	22·8	24·3	34·0	30·0	30·8
6	37·0	27·6	27·6	25·2	23·6	22·6	22·3	22·8	23·6	34·4	30·4	30·6
7	39·2	27·6	27·5	25·1	23·5	22·7	22·2	22·9	23·7	35·3	31·3	30·8
8	37·1	27·8	27·7	25·0	23·6	22·7	22·4	23·0	23·8	34·3	30·8	30·6
9	35·4	28·0	27·4	24·8	23·6	22·6	22·3	23·2	24·0	33·8	31·6	30·8
10	33·8	28·2	27·4	24·6	23·7	22·6	22·3	23·8	24·3	34·0	31·3	30·8
11	33·3	28·3	27·3	24·7	23·6	22·5	22·3	24·0	24·6	33·8	31·3	31·3
12	32·4	28·6	27·3	24·6	23·3	22·5	22·4	24·3	25·1	33·8	31·4	31·5
13	30·9	28·8	27·3	24·6	23·3	22·3	22·4	24·6	26·0	33·6	31·4	31·5
14	31·3	29·0	27·3	24·5	23·3	22·4	22·3	24·6	27·3	33·8	31·2	31·3
15	30·8	29·2	27·3	24·4	23·1	22·5	22·3	24·6	27·1	33·8	30·8	31·2
16	30·3	29·3	27·2	24·3	22·8	22·5	22·1	24·7	27·2	33·0	31·1	31·3
17	29·8	29·4	27·0	24·3	22·8	22·5	22·3	24·7	27·1	32·1	30·8	31·6
18	29·6	29·3	26·8	24·2	22·8	22·4	22·3	24·6	27·3	31·8	30·8	31·8
19	29·3	29·4	26·7	24·1	22·9	22·5	22·2	24·7	27·6	31·8	30·8	31·9
20	29·0	29·3	26·6	24·1	22·9	22·4	22·4	24·4	28·0	31·0	30·3	32·4
21	29·3	29·3	26·6	24·2	23·1	22·3	22·4	24·3	28·9	32·3	29·8	32·6
22	29·3	29·4	26·6	24·1	23·1	22·4	22·6	24·0	30·1	32·3	30·3	33·3
23	29·5	29·3	26·5	24·3	23·0	22·3	22·8	23·9	31·4	31·4	30·8	34·1
24	29·3	29·2	26·3	24·2	23·0	22·3	22·8	23·8	32·0	31·0	30·8	33·6
25	29·3	29·3	26·4	24·1	22·8	22·3	22·7	23·8	33·1	31·3	30·3	33·6
26	29·0	29·3	26·2	24·3	22·8	22·3	22·5	23·6	33·4	31·4	29·8	33·6
27	28·8	29·2	26·0	24·3	22·6	22·2	22·3	23·6	33·8	31·5	30·0	33·6
28	28·3	29·2	26·3	24·3	22·5	22·0	22·4	23·4	34·4	30·0	30·2	33·3
29	28·2	29·0	25·6	24·2	22·5	21·9	22·3	23·1	37·0	29·8	.....	33·1
30	27·8	28·8	25·5	24·1	22·4	21·9	22·1	23·1	36·7	30·0	.....	32·9
31	.....	28·5	.....	23·9	22·5	.....	22·1	.....	35·8	30·3	.....	32·3

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1881–82.

TABLE No. 690.

1	32·2	24·8	26·8	23·8	23·0	21·9	21·3	21·4	21·8	22·3	37·6	34·7
2	32·0	25·1	26·5	23·7	23·0	21·9	21·3	21·4	21·7	22·6	37·8	35·6
3	31·8	25·7	26·3	23·7	22·9	22·0	21·3	21·2	21·8	22·8	38·1	36·2
4	31·9	25·7	26·1	23·7	22·9	21·9	21·3	21·4	21·8	24·1	36·3	36·4
5	32·0	25·8	26·1	23·6	22·8	21·9	21·3	21·3	21·7	24·8	35·8	36·5
6	31·8	25·8	25·9	23·6	22·9	22·0	21·0	21·4	21·7	26·6	35·9	36·2
7	32·1	25·8	25·6	23·5	23·1	21·9	21·1	21·5	21·8	27·8	35·7	35·9
8	31·8	26·0	25·5	23·3	22·8	22·1	21·2	21·5	21·8	28·7	35·8	35·1
9	32·0	25·8	25·5	23·3	22·8	22·0	21·3	21·6	21·8	29·3	35·8	35·0
10	32·3	26·1	25·3	23·2	22·9	22·0	21·4	21·6	21·8	27·9	36·4	35·0
11	33·6	25·9	25·2	23·2	22·8	22·0	21·4	21·7	21·8	27·9	35·8	34·4
12	34·6	26·4	25·0	23·3	22·9	21·9	21·3	21·7	21·6	28·3	35·8	34·3
13	35·8	26·7	24·8	23·2	22·8	21·9	21·2	21·8	21·7	29·3	36·2	34·2
14	33·8	26·9	24·8	23·3	22·9	22·0	21·3	21·8	21·8	29·8	36·0	33·4
15	31·6	27·3	24·8	23·3	22·9	21·7	21·1	21·9	21·8	30·1	36·1	33·5
16	29·9	27·6	24·8	23·3	22·8	21·5	21·2	21·8	21·8	30·4	36·2	33·4
17	29·0	27·8	24·6	23·3	22·8	21·5	21·5	21·8	21·9	30·9	36·3	33·0
18	28·3	28·1	24·5	23·3	22·6	21·4	21·3	21·7	21·9	31·3	34·7	32·7
19	27·0	28·1	24·3	23·1	22·3	21·5	21·2	21·8	22·0	32·1	34·2	33·3
20	26·6	28·0	24·4	23·0	22·2	21·5	21·2	21·8	21·9	33·3	33·8	33·3
21	25·8	28·1	24·3	23·2	22·3	21·4	21·2	21·7	22·0	33·3	33·8	33·1
22	24·7	28·2	24·2	23·3	22·4	21·3	21·3	21·8	21·8	35·1	33·7	32·9
23	24·3	28·1	24·2	23·2	22·4	21·3	21·4	21·8	22·1	37·1	33·8	33·3
24	24·0	27·8	24·2	23·1	22·3	21·4	21·5	21·8	21·8	39·3	34·4	33·3
25	23·7	27·9	24·1	23·1	22·3	21·4	21·4	21·8	21·8	39·3	34·4	32·8
26	23·4	27·9	23·8	23·1	22·2	21·3	21·5	21·6	21·8	38·5	34·4	33·2
27	23·5	27·4	23·8	23·2	22·3	21·4	21·3	21·8	21·9	39·4	35·0	33·0
28	23·8	27·1	23·8	23·1	22·3	21·4	21·3	21·8	21·8	38·3	34·8	33·3
29	24·0	26·9	23·8	23·2	22·2	21·5	21·3	21·8	21·8	38·0	.....	33·7
30	24·5	26·8	23·8	23·1	22·0	21·3	21·3	21·7	22·0	37·4	.....	34·8
31	.....	26·8	.....	23·1	21·8	.....	21·3	.....	22·1	37·3	.....	36·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1882–83.

TABLE No. 691.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	36·6	25·8	28·5	27·3	25·3	24·6	24·2	22·8	22·5	34·1	31·8	31·1
2	35·8	26·0	28·4	27·2	25·2	24·5	24·3	22·8	22·5	33·8	30·5	31·3
3	34·7	25·9	28·7	27·3	25·2	24·4	24·0	22·8	22·4	32·8	30·8	30·8
4	34·3	26·0	28·8	27·3	24·9	24·4	23·7	22·8	22·2	33·6	30·8	30·8
5	31·3	26·0	29·0	27·3	24·8	24·5	23·6	22·8	22·1	33·2	29·8	30·5
6	30·0	25·9	29·1	27·3	24·8	24·3	23·4	22·8	22·1	32·8	29·8	30·2
7	29·1	25·8	29·0	27·1	24·8	24·2	23·4	22·3	22·2	32·8	30·3	30·8
8	29·0	25·8	29·0	27·0	24·6	24·2	23·1	22·4	22·3	32·3	30·8	30·3
9	28·7	25·9	28·9	26·8	24·7	24·1	23·1	22·4	22·5	33·2	30·8	30·3
10	27·8	25·9	28·9	26·8	24·6	24·0	23·2	22·4	23·1	32·8	30·3	31·3
11	26·8	26·2	28·8	26·6	24·7	24·1	23·1	22·6	23·7	32·1	30·3	32·0
12	26·1	26·1	28·5	26·4	24·4	24·1	23·1	22·7	24·0	31·8	30·3	30·8
13	25·8	26·1	28·4	26·5	24·5	23·8	23·0	22·8	24·2	31·1	30·3	31·3
14	25·5	26·3	28·2	26·4	24·4	23·6	23·0	22·8	24·3	31·8	30·8	32·3
15	25·3	26·8	28·1	26·2	24·5	23·8	23·2	22·9	26·7	31·2	30·6	32·3
16	25·1	26·8	27·9	26·1	24·6	23·9	23·3	23·0	26·8	30·8	30·1	31·2
17	25·0	27·0	27·9	25·9	24·5	23·8	23·2	23·1	27·7	31·3	31·3	31·3
18	24·9	27·2	27·8	25·8	24·7	23·7	23·1	23·1	28·7	31·8	30·4	32·2
19	25·2	27·1	27·9	25·8	24·7	23·7	23·0	23·2	30·3	31·2	31·2	31·8
20	25·4	27·2	27·8	25·7	24·8	24·0	23·0	22·8	31·6	30·8	30·8	31·6
21	26·1	27·3	27·8	25·6	24·7	24·0	22·8	23·2	32·8	32·3	30·8	30·8
22	26·1	27·3	27·8	25·5	24·8	23·9	22·7	23·1	33·7	31·4	30·9	31·3
23	26·2	27·6	27·7	25·3	24·8	24·1	22·7	22·9	35·8	30·8	30·8	31·5
24	26·0	27·6	27·7	25·3	24·8	24·2	22·8	23·1	35·6	29·8	30·7	31·6
25	26·3	27·8	27·5	25·1	24·8	24·2	22·8	23·2	34·8	30·7	30·8	31·5
26	25·9	27·8	27·5	25·1	24·8	24·2	22·8	23·3	33·9	30·7	31·2	31·8
27	25·9	28·0	27·3	25·2	24·8	24·3	22·8	23·0	34·5	31·5	30·3	32·3
28	25·8	28·3	27·5	25·2	24·7	24·2	22·8	22·9	34·1	31·3	30·7	32·3
29	26·3	28·3	27·5	25·3	24·6	24·3	22·7	22·7	34·3	31·6	.....	31·8
30	25·8	28·2	27·3	25·3	24·4	24·3	22·8	22·6	34·7	31·5	.....	31·8
31	.....	28·4	.....	25·3	24·5	.....	22·8	.....	34·3	32·4	.....	31·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1883–84.

TABLE No. 692.

1	31·6	26·8	28·7	27·2	26·2	24·0	23·7	23·8	24·7	41·5	38·8	36·5
2	31·5	26·5	28·7	27·1	26·0	24·1	23·8	23·8	24·6	41·7	37·2	35·8
3	31·8	26·4	28·6	27·3	25·9	24·2	23·7	23·8	24·4	43·9	37·1	36·6
4	31·8	26·4	28·4	27·4	25·8	24·0	23·7	23·8	24·5	43·5	36·7	35·9
5	32·0	26·5	28·3	27·6	25·8	23·9	23·8	23·7	24·5	42·8	36·3	35·6
6	32·1	26·6	28·1	27·5	25·7	23·8	23·7	23·8	24·6	41·8	36·7	35·8
7	32·1	26·8	27·9	27·8	25·7	23·8	23·6	23·9	24·5	41·3	36·8	36·2
8	32·5	26·7	27·7	27·7	25·6	23·9	23·4	23·8	24·4	41·0	36·8	36·1
9	33·0	26·9	27·8	27·8	25·6	24·0	23·3	23·8	24·3	41·7	36·7	35·6
10	33·3	27·1	27·8	27·7	25·5	23·8	23·3	23·8	25·0	42·3	36·8	35·5
11	34·1	27·4	27·7	27·3	25·4	23·8	23·4	23·9	24·8	41·7	36·6	34·8
12	35·0	27·1	27·7	27·1	25·4	23·6	23·3	24·0	24·8	41·1	36·3	35·6
13	35·5	27·0	27·7	27·1	25·2	23·6	23·4	23·9	24·6	40·6	36·4	35·4
14	35·8	27·1	27·8	27·0	25·1	23·6	23·4	24·0	24·8	40·6	37·3	35·8
15	37·0	27·3	27·6	26·8	24·9	23·5	23·6	24·2	24·6	39·8	36·6	35·8
16	38·3	27·1	27·3	26·8	24·8	23·6	23·5	24·3	24·7	40·1	36·4	35·5
17	38·3	27·1	27·4	26·7	24·8	23·9	23·4	24·2	24·8	39·6	37·1	35·8
18	38·0	27·1	27·4	26·8	24·7	23·8	23·4	24·2	25·6	39·8	37·8	35·6
19	38·1	26·8	27·3	26·9	24·7	23·8	23·3	24·1	26·2	38·8	37·4	35·6
20	38·4	26·7	27·7	26·9	24·8	23·8	23·6	24·1	27·1	37·9	37·7	36·3
21	38·1	26·8	27·8	26·8	24·7	23·7	23·9	23·9	28·5	37·7	36·2	35·8
22	36·9	26·8	27·8	26·8	24·8	23·8	23·8	23·8	29·4	37·5	36·6	36·1
23	36·8	27·1	27·8	27·0	24·8	23·7	23·7	23·9	30·8	37·6	37·8	36·5
24	34·7	27·4	27·8	27·0	24·7	23·8	23·6	23·8	33·3	37·8	36·8	36·9
25	32·6	27·8	27·8	26·8	24·6	23·7	23·6	23·9	36·8	37·6	36·6	37·5
26	32·8	27·8	27·7	26·7	24·6	23·7	23·3	24·1	38·1	37·1	36·7	38·3
27	30·8	28·1	27·8	26·6	24·4	23·5	23·4	24·3	37·3	36·9	36·8	39·1
28	29·8	28·2	27·5	26·4	24·3	23·6	23·3	24·4	37·6	36·9	37·8	39·4
29	28·7	28·2	27·3	26·3	24·2	23·7	23·4	24·5	39·3	36·5	37·4	40·0
30	27·8	28·3	27·3	26·3	24·3	23·8	23·5	24·8	38·8	36·3	.....	40·2
31	.....	28·2	.....	26·1	24·2	.....	23·5	.....	40·6	38·6	.....	39·6

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1884–85.

TABLE No. 693.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	40·6	26·8	28·2	25·1	24·3	23·6	23·2	23·7	23·2	37·7	35·5	33·6
2	40·7	28·8	28·1	25·1	24·4	23·7	23·2	23·8	23·0	38·4	35·0	33·7
3	39·8	28·8	27·9	25·1	24·4	23·6	23·1	23·8	23·0	37·2	34·3	32·7
4	39·4	28·9	27·8	25·1	24·5	23·5	23·0	24·0	22·8	39·3	34·0	32·7
5	39·8	29·1	27·7	25·0	24·5	23·6	23·1	24·3	23·0	39·2	34·3	33·1
6	39·6	29·3	27·6	25·0	24·7	23·6	23·3	24·3	23·2	40·8	33·8	32·5
7	39·1	29·3	27·5	25·0	24·8	23·6	23·4	24·2	23·4	40·8	33·8	32·3
8	38·8	29·3	27·3	25·2	24·8	23·6	23·3	24·2	24·2	40·0	33·8	32·4
9	38·7	29·5	27·2	25·3	24·8	23·6	23·3	24·0	25·0	39·5	34·0	31·9
10	38·7	29·6	27·3	25·1	24·9	23·5	23·3	23·8	24·8	38·8	34·6	32·8
11	38·8	29·9	26·6	25·0	24·8	23·6	23·1	23·7	24·7	38·4	34·7	31·7
12	41·4	30·0	26·6	25·0	24·8	23·6	23·0	23·7	24·8	39·5	33·8	32·0
13	41·9	29·9	26·7	24·8	24·7	23·5	23·1	23·5	24·4	37·5	34·0	31·7
14	41·8	29·8	26·6	24·8	24·7	23·3	23·1	23·4	24·3	37·3	33·4	31·7
15	42·3	29·8	26·3	24·8	24·6	23·2	23·1	23·5	24·3	37·8	33·4	31·6
16	43·0	29·8	26·3	24·8	24·4	23·1	23·0	23·4	24·1	37·6	32·4	32·0
17	42·3	29·8	26·2	24·8	24·3	23·1	23·1	23·4	24·1	37·5	34·2	31·8
18	39·5	29·9	26·1	24·8	24·2	23·3	23·2	23·4	24·3	37·1	33·2	31·2
19	37·6	29·9	26·3	24·6	24·2	23·3	23·2	23·3	25·3	36·3	33·1	31·5
20	33·8	29·3	26·1	24·6	24·1	23·2	23·0	23·1	25·3	35·7	33·3	31·6
21	32·3	29·6	26·1	24·7	24·1	23·2	23·1	23·0	26·6	34·8	33·8	31·2
22	30·8	29·8	25·7	24·7	24·0	23·2	23·1	23·1	28·1	35·3	33·1	30·6
23	29·7	29·7	25·9	24·6	24·0	23·0	23·1	22·9	29·7	34·5	33·1	31·4
24	29·3	29·5	25·8	24·7	24·0	23·0	23·2	22·9	31·5	34·4	32·3	31·8
25	29·0	29·6	25·8	24·8	23·9	23·1	23·2	23·0	34·0	35·6	32·6	32·6
26	28·6	29·5	25·9	24·6	23·8	23·1	23·1	23·1	35·6	36·2	33·3	31·6
27	28·4	29·6	25·8	24·4	23·9	23·0	23·0	23·3	36·4	35·5	33·2	32·5
28	28·0	29·6	25·6	24·4	23·8	23·1	23·2	23·3	38·1	35·1	33·4	32·4
29	28·8	29·1	25·4	24·5	23·8	23·2	23·3	23·3	39·2	34·9	.....	31·6
30	28·8	28·8	25·3	24·3	23·7	23·2	23·5	23·4	39·8	34·7	.....	32·0
31	.....	28·4	.....	24·4	23·7	.....	23·6	.....	38·4	35·5	.....	32·5

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1885–86.

TABLE No. 694.

1	32·5	39·6	28·5	26·9	25·3	23·8	23·7	24·3	24·3	35·3	38·3	33·9
2	31·8	39·7	28·8	27·0	25·1	23·8	23·5	24·4	24·2	33·6	38·3	33·9
3	32·3	37·0	28·7	27·0	24·8	23·7	23·4	24·6	24·0	33·9	38·6	33·9
4	32·2	34·2	28·6	26·9	24·8	23·6	23·5	24·7	24·0	33·6	38·4	34·4
5	32·4	32·2	28·5	26·8	24·8	23·6	23·3	24·8	23·9	33·8	37·9	34·8
6	32·5	30·3	28·3	26·8	24·8	23·5	23·3	24·7	23·8	35·3	37·2	35·8
7	32·3	29·4	28·0	26·6	24·7	23·4	23·4	24·8	23·8	38·8	37·4	35·8
8	33·1	28·8	28·0	26·6	24·7	23·5	23·3	25·1	23·7	40·4	37·8	35·6
9	32·8	28·8	27·8	26·4	24·6	23·6	23·3	25·3	23·8	41·5	38·7	35·2
10	32·9	28·8	27·8	26·5	24·7	23·7	23·3	25·5	23·8	44·8	38·3	34·8
11	34·1	28·9	27·6	26·7	24·7	23·6	23·3	25·5	23·8	45·1	37·4	34·5
12	34·3	29·0	27·5	26·8	24·7	23·7	23·3	25·6	24·1	44·2	38·1	35·3
13	34·7	29·2	27·3	26·7	24·5	23·8	23·2	25·6	24·3	43·6	37·8	35·3
14	35·0	29·2	27·3	26·6	24·5	23·8	23·1	25·5	24·3	43·3	38·0	34·8
15	35·2	29·3	27·1	26·7	24·6	23·8	23·2	25·4	24·3	43·0	37·9	34·4
16	35·7	29·3	27·0	26·6	24·5	23·7	23·3	25·2	24·7	42·4	37·8	35·1
17	35·9	29·3	26·9	26·6	24·4	23·7	23·3	25·0	25·1	41·8	37·2	34·9
18	36·3	29·3	26·8	26·5	24·3	23·6	23·2	25·1	25·7	43·2	37·7	34·8
19	36·7	29·4	26·8	26·3	24·4	23·6	23·2	25·1	26·5	41·8	37·3	34·3
20	37·1	29·3	26·6	26·2	24·3	23·5	23·1	25·0	27·8	41·7	38·0	34·7
21	37·6	29·3	26·7	26·2	24·2	23·4	23·4	24·9	28·5	41·2	36·5	34·8
22	38·1	29·2	26·6	26·0	24·1	23·6	24·3	25·0	28·8	41·0	36·5	35·1
23	39·2	29·2	26·4	25·8	24·1	23·8	24·5	25·2	29·8	40·8	36·8	35·3
24	43·0	29·0	26·5	25·7	24·0	23·8	24·8	25·2	31·8	40·3	36·2	35·4
25	43·6	29·0	26·8	25·7	24·1	23·6	24·4	25·1	32·2	39·8	35·3	35·2
26	44·1	28·9	26·7	25·7	23·9	23·7	24·3	25·2	32·7	39·9	35·3	35·8
27	43·5	28·8	26·7	25·6	23·9	23·8	24·2	24·8	33·6	39·8	34·7	35·2
28	41·7	28·8	26·8	25·5	23·8	23·7	24·3	24·8	34·3	39·6	34·3	35·1
29	41·1	28·6	26·9	25·3	23·7	23·8	24·2	24·3	34·3	39·3	.....	35·2
30	41·1	28·4	27·0	25·3	23·7	23·7	24·3	24·3	35·5	39·0	.....	35·8
31	.....	28·5	.....	25·3	23·8	.....	24·4	.....	36·3	38·9	.....	35·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1886–87.

TABLE No. 695.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	36·5	30·7	27·3	26·2	25·1	23·8	23·8	23·6	23·7	38·0	34·8	34·8
2	38·3	30·6	27·3	26·0	25·0	23·8	23·8	23·5	23·6	37·3	34·0	34·7
3	38·8	30·4	27·2	25·9	25·0	23·8	23·8	23·5	23·7	37·0	33·7	34·5
4	38·5	30·2	27·0	26·0	25·0	23·8	23·8	23·5	23·8	36·6	33·2	35·2
5	38·6	30·1	27·0	26·1	25·0	23·7	23·8	23·3	23·8	36·5	32·7	35·2
6	38·3	30·1	27·1	25·9	24·9	23·8	23·8	23·3	24·4	37·3	33·2	35·0
7	37·8	30·2	26·9	25·9	24·8	23·6	23·7	23·4	25·5	37·8	33·2	34·8
8	37·0	30·3	26·8	25·8	24·8	23·5	23·5	23·3	27·4	36·8	33·6	35·3
9	36·7	29·9	26·8	25·6	24·7	23·6	23·4	23·3	29·3	36·5	35·3	35·4
10	37·3	29·8	26·8	25·7	24·4	23·5	23·4	23·4	29·7	36·4	34·9	35·8
11	37·5	29·6	26·9	25·4	24·4	23·5	23·4	23·6	30·2	35·3	35·3	35·1
12	37·8	29·5	26·8	25·3	24·4	23·4	23·5	23·6	30·2	35·5	35·0	35·1
13	38·3	29·6	26·8	25·3	24·3	23·4	23·5	23·5	30·1	35·3	34·0	35·4
14	38·3	29·5	26·8	25·3	24·3	23·4	23·4	23·4	30·3	35·1	33·8	35·3
15	39·0	29·3	26·7	25·1	24·3	23·5	23·5	23·3	30·3	34·8	34·6	35·3
16	41·1	29·0	26·7	25·1	24·3	23·4	23·7	23·3	30·6	34·5	35·6	34·8
17	45·4	28·8	26·6	25·0	24·4	23·5	23·6	23·3	31·5	34·6	35·8	35·1
18	48·7	28·7	26·8	25·1	24·3	23·5	23·5	23·4	32·1	31·4	34·6	35·8
19	48·6	28·6	26·7	25·2	24·2	23·6	23·5	23·4	33·6	34·2	35·1	35·8
20	44·6	28·5	26·6	25·1	24·2	23·6	23·3	23·9	33·8	34·7	34·4	35·5
21	35·7	28·3	26·7	25·2	24·1	23·7	23·4	24·1	34·3	35·7	35·1	35·2
22	33·8	28·0	26·5	25·1	23·9	23·6	23·4	24·3	35·0	35·3	35·0	35·1
23	32·3	28·1	26·4	25·0	23·8	23·5	23·6	24·1	34·8	34·0	35·1	35·3
24	32·1	28·1	26·3	25·0	23·9	23·4	23·5	24·1	34·8	35·5	35·0	34·5
25	31·8	27·9	26·3	24·9	23·9	23·4	23·5	24·3	34·3	35·4	34·0	35·4
26	31·6	27·8	26·2	24·9	23·8	23·5	23·8	24·3	34·8	35·1	34·3	35·0
27	31·6	27·7	26·2	25·2	23·7	23·6	23·7	24·3	37·2	34·8	34·7	34·4
28	31·3	27·7	26·3	25·2	23·8	23·7	23·5	24·1	39·1	34·6	34·9	35·1
29	31·3	27·6	26·1	25·1	23·8	23·8	23·6	23·8	38·8	35·5	.....	34·9
30	31·0	27·7	26·3	25·1	23·7	23·8	23·6	23·8	38·9	35·8	.....	34·7
31	.....	27·5	.....	25·1	23·8	.....	23·8	.....	38·1	35·9	.....	34·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1887–88.

TABLE No. 696.

1	35·3	32·3	28·2	25·2	24·2	22·9	22·0	21·7	21·8	37·9	33·7	31·0
2	35·3	31·6	28·0	25·2	24·2	22·9	22·1	21·6	21·8	39·3	33·1	30·8
3	35·3	31·8	28·0	25·1	24·1	23·0	22·0	21·8	21·7	38·2	32·7	30·3
4	35·7	30·8	28·2	25·1	24·1	23·1	22·2	21·7	21·6	37·4	32·8	30·3
5	35·6	31·4	27·9	25·0	24·0	22·9	22·4	21·8	21·7	38·0	32·6	30·3
6	35·1	31·8	27·8	24·9	24·0	22·8	22·5	21·8	21·8	37·5	32·3	31·3
7	35·4	32·3	27·6	24·9	24·1	22·7	22·4	21·8	22·0	37·3	32·3	32·1
8	35·7	31·8	27·4	24·9	24·0	22·8	22·3	21·7	21·9	36·8	31·8	33·1
9	35·8	32·3	27·4	25·0	23·9	22·7	22·3	21·8	21·8	37·0	32·1	33·0
10	36·0	32·5	27·3	24·9	23·8	22·8	22·3	21·9	21·9	36·9	31·8	32·7
11	37·0	32·4	27·3	25·0	23·7	22·8	22·3	22·0	22·1	36·8	31·1	32·7
12	38·5	32·6	26·9	25·0	23·8	22·6	22·2	22·1	22·1	35·8	30·3	32·6
13	38·8	32·6	26·8	25·1	23·8	22·6	22·3	21·8	22·2	35·7	29·8	32·0
14	38·7	32·4	26·9	25·1	23·6	22·5	22·3	21·8	22·1	36·3	30·4	31·7
15	38·5	32·3	26·6	24·9	23·5	22·6	22·2	21·8	22·2	35·8	31·1	31·9
16	38·8	32·0	26·5	24·8	23·4	22·6	22·1	21·9	22·3	35·4	29·8	31·9
17	38·9	31·8	26·4	24·8	23·5	22·7	22·2	22·0	22·2	34·8	29·7	31·8
18	39·0	31·6	26·4	24·8	23·5	22·5	22·3	21·8	22·3	35·3	30·2	31·3
19	39·0	31·3	26·3	24·8	23·4	22·6	22·3	21·9	22·2	34·8	30·1	31·7
20	39·3	31·1	26·1	24·7	23·5	22·4	22·2	22·0	22·1	34·3	29·9	32·7
21	39·6	30·7	26·0	24·8	23·5	22·5	22·3	22·0	22·1	35·1	31·3	32·8
22	46·3	30·3	26·0	24·7	23·6	22·6	22·3	21·9	22·0	34·6	31·2	32·8
23	46·5	29·9	25·9	24·8	23·7	22·5	22·2	21·8	22·4	34·4	30·8	32·3
24	45·6	29·8	25·9	24·7	23·6	22·4	22·0	21·7	23·1	35·1	31·3	31·8
25	44·3	29·6	25·9	24·8	23·3	22·3	22·1	21·4	24·2	34·3	31·4	31·4
26	44·1	29·5	25·8	24·6	23·3	22·3	22·1	21·5	25·4	33·9	31·7	32·8
27	42·4	29·4	25·8	24·6	23·3	22·2	22·2	21·4	27·7	33·4	31·2	33·3
28	40·0	29·5	25·6	24·5	23·1	22·2	22·0	21·6	29·3	32·6	30·4	33·5
29	35·8	29·1	25·4	24·4	22·9	22·1	22·1	21·8	31·8	32·3	29·6	33·5
30	33·2	28·8	25·3	24·4	23·0	22·2	22·0	21·9	35·2	31·8	.....	33·8
31	.....	29·3	.....	24·3	23·1	.....	21·8	.....	36·6	33·0	.....	34·1

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1888–89.

TABLE No. 697.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	34·0	27·5	28·6	26·3	23·3	23·1	22·2	22·3	23·0	31·2	37·1	33·8
2	34·4	27·3	28·4	26·1	23·3	23·0	22·4	22·2	22·9	30·8	35·9	33·4
3	34·3	27·0	28·2	25·8	23·2	23·0	22·3	22·3	22·9	30·4	36·2	33·5
4	34·0	26·7	28·1	25·6	23·1	22·9	22·3	22·5	23·0	30·3	36·4	33·3
5	34·4	26·6	27·9	25·5	23·1	22·9	22·3	22·7	23·0	30·3	36·3	33·3
6	34·8	26·5	27·8	25·3	23·2	22·8	22·3	22·6	23·2	29·8	36·1	33·3
7	34·9	26·4	28·0	25·3	23·3	22·7	22·6	22·9	22·8	29·7	36·3	33·4
8	34·8	26·6	27·8	25·1	23·2	22·6	22·8	23·3	22·7	29·5	36·0	33·3
9	34·8	26·7	27·6	24·9	23·1	22·7	22·8	23·6	22·5	29·6	36·1	33·4
10	34·8	27·0	27·4	24·8	23·1	22·8	22·8	24·3	22·3	29·6	36·9	33·3
11	34·8	27·2	27·5	24·7	23·0	22·8	22·6	24·9	22·2	30·0	36·6	33·3
12	35·2	27·7	27·3	24·8	22·9	22·7	22·5	25·7	22·2	30·4	36·8	32·9
13	35·2	27·9	27·1	24·9	23·1	22·6	22·8	25·6	21·8	30·1	35·8	33·3
14	35·1	28·4	27·0	24·8	23·2	22·5	22·6	25·2	21·9	30·4	35·3	32·6
15	34·9	29·2	27·0	24·6	23·1	22·4	22·4	24·7	22·0	30·8	34·3	32·3
16	35·3	29·4	27·2	24·4	23·0	22·6	22·3	24·8	23·3	31·3	34·7	32·3
17	35·3	29·9	27·1	24·3	23·1	22·7	22·2	24·4	24·7	32·5	35·8	32·4
18	38·3	29·8	27·2	24·1	23·0	22·7	22·1	24·1	26·6	32·3	36·0	32·5
19	37·8	30·1	27·2	24·0	22·9	22·6	21·9	23·8	26·4	34·8	35·6	32·5
20	39·1	30·3	27·1	24·1	23·0	22·8	22·0	23·8	27·0	38·8	33·7	32·6
21	41·8	30·3	27·3	24·0	22·9	22·8	22·2	23·8	28·3	41·1	33·6	32·7
22	40·4	30·2	27·2	23·9	23·1	23·0	22·2	23·4	30·5	40·4	33·7	32·8
23	41·8	29·8	27·3	23·8	23·0	22·9	22·2	23·4	32·2	39·8	33·1	33·3
24	40·3	30·0	27·3	23·8	22·8	22·9	22·1	23·1	32·0	39·9	32·2	33·6
25	34·7	29·8	27·2	23·8	22·9	22·8	22·2	22·8	32·4	39·9	32·3	33·9
26	31·0	29·6	27·2	23·8	23·1	22·8	22·3	23·1	32·3	40·1	33·1	34·0
27	30·1	29·7	27·3	23·9	23·4	22·6	22·2	23·3	32·3	38·8	32·8	34·6
28	28·8	29·5	27·1	24·1	23·5	22·6	22·3	23·3	30·4	38·2	33·3	34·6
29	28·2	29·3	26·8	23·8	23·3	22·5	22·3	22·6	31·3	38·0	.....	34·4
30	27·8	29·1	26·5	23·6	23·1	22·3	22·2	.....	31·4	36·6	.....	34·0
31	.....	29·0	.....	23·4	23·2	.....	22·3	.....	31·4	36·9	.....	33·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1889–90.

TABLE No. 698.

1	34·0	28·7	25·3	26·8	25·1	23·2	22·4	21·9	22·4	24·4	39·1	38·5
2	33·7	28·7	25·5	26·6	25·1	23·1	22·6	21·8	22·5	24·5	39·6	38·3
3	33·5	28·7	25·7	26·7	25·2	22·9	22·7	21·7	22·4	24·8	39·8	38·4
4	33·4	28·5	25·9	26·6	25·0	22·8	22·8	21·8	22·3	24·8	40·1	38·3
5	34·4	28·3	26·3	26·4	25·1	22·8	22·7	21·9	22·2	24·9	40·3	38·4
6	37·2	28·2	26·7	26·3	24·9	22·7	22·8	21·8	22·1	24·9	39·9	37·8
7	37·4	28·0	27·2	26·2	24·8	22·9	22·8	21·9	22·2	25·1	39·4	37·0
8	39·5	27·8	27·6	26·1	24·5	22·8	22·9	21·9	22·4	25·9	39·3	36·7
9	38·6	27·5	27·8	26·3	24·3	22·8	23·0	21·8	22·7	25·8	39·0	36·9
10	37·3	27·3	27·9	26·1	24·3	22·9	23·0	21·8	22·9	27·4	38·6	37·0
11	35·3	27·3	28·1	26·1	24·3	22·8	22·9	21·7	23·3	28·9	38·1	37·2
12	31·1	27·2	28·0	26·2	24·1	22·7	22·9	21·6	23·6	32·6	38·0	37·0
13	30·2	26·9	27·9	26·0	24·1	22·6	22·8	21·7	23·8	34·6	37·8	37·1
14	29·6	26·7	27·9	25·9	24·3	22·4	22·8	21·6	23·6	32·1	38·7	37·3
15	27·8	26·6	27·8	26·0	24·2	22·3	22·3	21·6	23·4	32·6	39·3	37·6
16	26·4	26·7	27·9	25·8	24·3	22·5	22·2	21·4	23·5	33·8	38·1	37·4
17	25·8	26·5	28·0	25·7	24·1	22·6	22·0	21·3	23·4	34·3	37·6	37·3
18	25·6	26·3	27·8	25·6	24·0	22·5	22·1	21·3	23·3	35·5	37·8	37·2
19	25·4	26·1	27·3	25·3	23·8	22·4	22·1	21·4	23·3	36·6	37·8	36·8
20	25·5	25·9	27·2	25·7	23·8	22·3	22·0	21·7	23·3	37·0	37·4	36·7
21	25·4	25·7	27·0	25·8	23·6	22·5	22·1	21·8	23·4	37·8	37·1	36·6
22	25·8	25·8	26·8	25·8	23·7	22·7	21·9	22·2	23·6	38·0	36·9	36·8
23	26·0	25·9	26·7	25·4	23·7	22·7	21·9	22·5	23·5	39·3	37·1	36·7
24	26·3	25·8	26·7	25·3	23·7	22·6	21·7	22·7	23·4	39·6	38·2	36·4
25	26·5	25·7	26·6	25·3	23·6	22·5	21·7	22·8	23·5	40·1	38·6	36·3
26	26·8	25·6	26·6	25·1	23·6	22·4	21·8	22·7	23·4	41·1	38·4	36·2
27	27·1	25·3	26·7	24·9	23·4	22·6	22·1	22·6	23·5	42·3	38·5	36·3
28	27·4	25·2	26·9	24·8	23·3	22·5	22·3	22·8	23·8	41·6	38·6	36·1
29	27·7	25·2	26·8	24·8	23·3	22·6	22·6	22·6	23·9	40·3	.....	35·8
30	27·9	25·3	26·8	24·9	23·3	22·4	22·3	22·5	24·1	39·8	.....	35·6
31	.....	25·3	.....	25·2	23·3	.....	22·1	.....	24·3	38·8	.....	35·3

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1890–91.

TABLE No. 699.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	35·3	27·7	29·8	27·8	25·2	24·9	23·8	23·3	23·3	35·0	33·8	33·6
2	35·1	27·8	29·8	27·6	25·1	24·8	23·8	23·4	23·2	35·4	33·3	33·5
3	35·3	27·7	29·8	27·6	25·0	24·8	23·7	23·4	22·9	36·1	32·4	33·4
4	35·2	27·9	29·8	27·7	25·0	24·7	23·6	23·4	24·1	35·1	32·1	33·5
5	36·7	28·3	29·8	27·6	25·0	24·5	23·8	23·3	24·6	34·6	31·5	33·4
6	38·8	28·8	29·8	27·4	25·0	24·4	23·7	23·3	26·1	34·8	32·3	33·3
7	39·7	29·3	29·8	27·3	25·0	24·3	23·7	23·3	26·7	35·3	32·1	33·3
8	37·6	29·5	29·8	27·2	25·0	24·2	23·4	23·2	27·8	34·9	32·7	33·7
9	35·8	29·3	29·8	27·3	24·9	24·3	23·4	23·3	29·5	34·7	32·3	33·7
10	34·9	29·4	29·6	27·0	24·8	24·2	23·4	23·6	30·5	34·8	32·6	34·2
11	34·3	29·4	29·3	26·8	24·8	24·0	23·4	23·8	30·6	34·6	32·7	34·1
12	33·8	29·3	29·4	26·7	24·8	24·1	23·3	23·7	30·8	34·9	32·2	34·8
13	32·8	29·2	29·3	26·6	24·6	24·8	23·3	23·6	30·9	34·6	33·0	35·0
14	31·3	29·2	29·4	26·3	24·4	25·7	23·3	23·6	31·6	33·5	32·4	35·4
15	30·8	29·1	29·4	26·4	24·4	25·6	23·4	23·6	32·2	33·9	32·0	34·8
16	30·4	28·9	29·4	26·4	24·3	25·7	23·6	23·4	32·7	34·3	32·3	35·4
17	30·9	28·9	29·3	26·3	24·4	25·7	23·7	23·3	33·7	33·5	33·4	34·8
18	30·8	28·8	29·3	26·2	24·3	25·4	23·8	23·6	34·4	32·9	33·2	35·1
19	30·6	28·8	29·6	26·1	24·3	25·1	23·8	23·8	35·8	33·2	32·3	34·7
20	30·2	28·9	29·4	26·1	24·3	24·9	24·0	24·3	37·7	33·7	32·5	33·9
21	29·3	29·5	29·2	25·8	24·2	24·8	23·8	24·3	38·9	33·9	32·4	34·1
22	28·6	30·0	29·1	25·7	24·2	24·5	23·6	24·1	38·4	34·1	33·2	34·4
23	28·0	30·1	29·0	25·6	24·3	24·3	23·5	23·8	37·4	35·2	32·4	34·6
24	28·1	30·2	28·8	25·4	24·3	24·3	23·4	23·8	38·8	34·8	32·8	35·3
25	27·8	30·0	28·7	25·3	24·3	24·1	23·5	23·6	37·2	34·5	33·8	36·4
26	27·4	29·7	28·6	25·4	24·3	23·9	23·3	23·8	36·6	33·9	34·1	36·8
27	27·4	29·7	28·6	25·3	24·4	24·1	23·6	23·6	36·8	33·1	31·8	37·2
28	27·5	29·7	28·4	25·3	24·5	23·9	23·4	23·1	36·8	32·5	34·4	37·3
29	27·3	29·6	28·1	25·3	24·5	23·9	23·4	23·3	36·3	32·8	.....	37·2
30	27·4	29·7	27·9	25·1	24·7	23·8	23·5	23·2	35·9	33·6	.....	37·2
31	.....	29·7	.....	25·0	24·8	.....	23·4	.....	35·6	33·7	.....	37·3

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1891–92.

TABLE No. 700.

1	37·3	29·8	26·6	24·1	24·0	23·3	21·8	21·1	22·6	22·5	37·1	31·5
2	37·2	29·8	26·6	23·9	23·8	23·2	21·8	21·3	22·6	24·2	37·5	31·1
3	37·7	29·6	26·6	23·8	23·9	23·1	21·7	21·2	22·8	22·8	37·3	31·1
4	37·9	29·5	26·3	23·9	24·0	23·1	21·6	21·1	22·8	23·7	36·8	31·4
5	37·7	29·4	25·9	23·8	24·0	23·1	21·8	21·1	22·6	23·5	36·3	32·3
6	37·4	29·6	25·8	24·2	23·9	23·0	21·9	20·9	22·9	23·4	35·7	32·3
7	37·3	29·6	25·8	24·1	23·9	22·9	21·7	20·8	23·3	23·7	35·1	32·5
8	37·0	29·6	25·7	24·0	23·9	23·0	21·8	20·8	22·9	24·5	35·2	32·2
9	36·8	29·6	25·6	23·9	23·8	22·8	21·6	20·8	22·8	25·5	35·2	32·3
10	36·3	29·6	25·5	23·8	23·8	22·8	21·5	20·6	23·0	25·2	35·2	32·2
11	39·5	29·5	25·3	23·8	23·8	22·8	21·5	20·7	23·0	26·8	34·7	32·1
12	38·5	29·3	25·2	23·6	23·7	22·7	21·6	20·8	22·8	27·6	34·8	31·8
13	35·7	29·2	25·1	23·5	23·6	22·5	21·4	20·8	22·8	28·5	34·6	30·6
14	34·5	29·0	24·8	23·5	23·6	22·8	21·3	20·8	22·8	28·5	33·1	39·2
15	33·8	28·8	24·8	23·6	23·4	22·7	21·3	20·7	22·6	27·8	33·4	39·2
16	33·6	28·8	24·8	23·5	23·3	22·6	21·5	20·5	22·5	28·2	33·2	31·2
17	33·5	28·7	24·9	23·5	23·3	22·4	21·8	20·5	22·1	27·9	33·3	31·8
18	31·6	28·3	24·7	23·5	23·3	22·3	21·6	21·2	22·0	29·3	33·3	32·1
19	31·3	28·3	24·4	23·5	23·3	22·7	21·6	21·2	22·4	30·8	33·6	31·9
20	31·2	28·2	24·3	23·6	23·3	22·6	21·7	21·1	22·8	33·0	33·8	31·4
21	30·6	28·0	24·3	23·8	22·9	22·5	21·8	21·3	23·6	33·3	33·5	30·3
22	30·3	27·9	24·4	23·8	23·2	22·4	21·8	21·2	24·1	33·0	33·3	30·6
23	30·1	27·8	24·4	23·7	23·7	22·4	21·7	21·2	24·1	35·8	33·1	31·3
24	29·9	27·6	24·7	23·9	23·6	22·3	21·6	21·3	24·1	32·9	32·9	31·3
25	29·9	27·6	24·6	24·2	23·8	22·3	21·4	22·2	23·9	33·8	32·7	31·2
26	29·8	27·6	24·6	23·9	23·8	22·2	21·3	22·2	23·8	36·7	32·8	30·9
27	29·8	27·3	24·6	24·1	23·6	22·0	21·3	22·6	22·9	36·1	31·4	30·7
28	29·8	27·1	24·5	24·0	23·4	21·9	21·3	23·0	23·5	38·2	30·2	30·8
29	29·9	27·0	24·3	24·2	23·4	21·8	21·2	22·8	22·9	38·3	30·1	30·8
30	29·8	26·8	24·2	24·0	23·5	22·0	21·1	23·1	23·3	37·7	.....	30·8
31	.....	26·6	.....	24·2	23·3	.....	21·2	.....	23·0	37·4	.....	31·1

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1892–93.

TABLE No. 701.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	31·1	23·7	24·8	26·6	23·3	23·7	22·7	21·9	22·7	38·1	31·8	31·5
2	33·3	23·8	24·6	26·5	23·3	23·4	22·5	21·8	22·8	38·3	31·7	31·3
3	32·8	23·8	24·6	26·6	23·3	23·1	22·3	21·9	22·7	38·2	31·3	30·5
4	35·0	23·5	24·5	26·6	23·2	23·1	22·4	22·2	22·5	36·8	31·4	31·2
5	41·3	23·8	24·4	26·8	23·2	22·9	22·6	22·8	22·8	36·8	30·9	30·6
6	41·9	23·8	24·3	26·8	23·1	22·8	22·4	22·3	22·6	35·8	31·3	30·8
7	41·9	23·8	24·6	26·6	23·1	22·8	22·3	22·3	22·6	35·7	31·9	31·0
8	39·7	23·8	24·6	26·2	23·0	22·8	22·6	22·5	22·6	35·6	31·3	31·1
9	37·3	23·9	24·6	25·9	23·1	22·6	22·5	22·7	22·6	36·2	31·3	31·4
10	35·1	23·9	24·6	25·8	23·3	22·7	22·5	22·7	22·7	36·5	32·6	31·3
11	31·8	24·1	24·3	25·6	23·6	22·7	22·4	22·4	22·3	36·3	33·2	31·3
12	29·8	24·3	24·4	25·5	24·1	22·5	22·3	22·1	22·6	35·4	32·8	31·5
13	29·0	24·1	24·3	25·3	24·8	22·5	22·1	22·1	22·5	35·0	32·5	32·1
14	26·8	24·1	24·4	25·2	24·6	22·6	22·0	21·9	22·4	35·1	32·3	32·0
15	25·8	23·9	24·4	24·9	24·7	22·6	22·0	22·2	22·3	35·3	32·7	32·5
16	25·8	23·9	24·3	24·8	24·4	22·5	22·1	22·4	22·6	35·6	32·1	32·1
17	24·5	23·9	24·3	24·5	24·1	22·4	22·2	22·6	22·4	35·2	31·2	31·3
18	24·8	24·1	24·1	24·3	24·0	22·3	22·0	22·8	22·3	35·4	31·3	31·6
19	24·2	24·1	24·2	24·2	23·9	22·4	22·1	22·8	22·3	34·8	31·3	31·7
20	23·8	24·0	24·5	24·1	23·9	22·5	22·1	23·5	22·3	35·0	31·6	31·5
21	23·4	23·8	25·8	23·9	23·8	22·3	22·2	23·8	22·3	34·0	30·2	32·2
22	23·2	24·5	26·4	23·8	23·7	22·3	22·1	23·8	22·3	33·6	30·3	32·3
23	23·1	24·3	26·5	23·8	23·6	22·3	23·1	23·8	23·3	34·0	30·3	31·7
24	22·6	24·3	26·1	23·8	23·3	22·4	23·1	23·7	25·5	34·2	30·8	32·1
25	23·1	24·5	26·0	23·8	23·3	22·3	23·0	23·4	30·8	34·3	30·7	32·8
26	23·2	24·3	25·9	23·7	24·2	22·6	21·9	23·3	33·9	34·0	30·8	32·7
27	23·3	24·5	25·8	23·7	25·1	22·8	21·9	23·2	37·2	33·8	30·6	33·3
28	23·2	24·7	26·0	23·7	24·9	22·8	21·8	23·1	38·5	33·0	31·2	33·0
29	23·4	24·8	26·5	23·6	24·6	22·8	21·8	23·0	38·6	32·8	.....	33·4
30	23·8	24·9	26·3	23·7	24·2	22·7	21·8	22·8	38·0	32·8	.....	33·4
31	.....	24·9	.....	23·5	23·8	.....	21·6	.....	38·0	32·2	.....	33·4

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1893–94.

TABLE No. 702.

1	33·5	26·8	29·6	26·2	24·3	25·9	22·8	22·3	22·3	38·5	34·1	31·9
2	33·2	26·3	29·3	26·1	24·2	25·3	22·8	22·4	22·3	37·3	34·2	31·8
3	33·6	26·4	29·3	25·9	24·1	24·8	22·8	22·4	21·7	37·4	34·1	31·8
4	33·6	26·9	29·2	25·9	23·9	24·7	22·5	22·5	22·0	37·7	34·3	31·6
5	33·7	27·8	29·1	25·8	23·8	24·3	22·4	22·3	22·3	38·7	34·3	31·5
6	33·6	28·8	29·1	25·8	24·0	24·1	22·4	22·3	23·1	38·5	34·3	31·9
7	33·7	28·9	28·9	25·7	23·9	23·8	22·3	22·3	23·3	37·3	34·3	33·0
8	33·8	28·9	28·9	25·6	23·8	23·7	22·4	22·3	23·9	37·5	33·8	34·1
9	33·9	28·8	28·8	25·5	23·8	23·6	22·3	22·5	24·5	37·2	33·9	34·8
10	34·3	28·9	28·8	25·5	23·7	23·5	22·8	22·3	23·9	36·9	33·3	34·8
11	34·4	28·9	28·9	25·3	23·7	23·4	22·5	22·1	24·3	36·4	33·8	35·1
12	34·6	28·7	28·8	25·3	23·8	23·3	22·4	22·0	25·1	36·4	32·8	35·2
13	34·7	28·8	28·7	25·3	23·8	23·1	22·3	22·0	26·2	35·6	31·3	35·4
14	24·9	29·2	28·5	25·3	23·5	23·0	22·3	22·1	23·2	35·3	30·7	35·7
15	35·3	29·3	28·4	25·2	23·5	22·9	22·4	22·1	30·8	35·8	31·1	35·8
16	34·9	29·6	28·3	25·2	23·4	22·9	22·8	22·1	33·9	36·8	31·6	35·7
17	35·2	29·8	28·1	25·2	23·4	22·8	22·7	21·9	35·1	36·8	30·8	35·5
18	35·2	29·8	27·9	25·2	23·3	22·9	22·8	21·8	36·6	35·6	31·2	35·6
19	35·7	30·3	27·8	25·2	23·3	23·0	22·3	21·9	38·0	36·0	31·3	35·4
20	38·7	30·7	27·6	24·9	23·2	23·1	22·1	22·0	38·4	36·0	32·8	35·7
21	36·8	30·8	27·4	24·7	23·1	22·9	22·1	21·9	42·4	35·8	32·0	35·9
22	32·8	31·0	27·2	24·7	23·0	22·8	22·0	21·9	42·5	35·8	31·4	36·1
23	31·3	31·0	27·1	24·8	22·8	22·8	22·3	21·9	40·3	35·8	31·9	36·1
24	29·5	30·8	27·0	24·6	22·8	22·6	22·3	22·2	40·8	35·3	30·8	35·8
25	28·8	30·7	26·8	24·4	23·3	22·7	22·3	22·3	41·1	36·0	30·8	35·8
26	28·6	30·8	26·8	24·5	23·4	22·8	22·5	21·8	40·3	35·4	31·3	35·9
27	28·4	30·4	26·8	24·6	23·3	22·8	22·4	21·8	38·4	34·3	31·9	35·2
28	28·3	30·1	26·7	24·5	23·3	22·8	22·7	21·8	39·3	34·6	31·8	34·8
29	28·4	30·0	26·5	24·3	24·6	22·9	22·8	21·8	39·7	34·8	.....	35·1
30	27·7	29·9	26·3	24·3	24·9	22·8	22·7	22·2	39·5	34·6	.....	34·7
31	.....	29·7	.....	24·3	25·8	.....	22·6	.....	37·8	34·5	.....	34·5

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1894–95.

TABLE No. 703.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	34·2	28·3	26·3	25·8	23·5	21·9	21·8	22·3	21·7	32·9	32·4	28·3
2	34·2	28·3	26·4	25·5	23·3	21·8	21·9	22·8	21·8	33·0	33·0	28·6
3	34·3	28·6	26·8	25·8	23·3	21·9	21·9	22·8	21·9	32·8	32·3	28·1
4	34·1	28·4	27·0	25·4	23·3	21·8	21·8	22·8	21·8	34·3	31·3	27·8
5	34·1	28·4	27·1	25·4	23·0	21·8	21·8	22·9	21·8	36·0	31·2	27·7
6	37·1	28·7	27·1	25·3	23·2	21·8	21·8	22·9	21·8	35·8	30·9	27·8
7	35·8	28·4	27·1	25·3	23·1	21·8	21·7	22·7	21·8	35·9	30·6	27·6
8	35·1	28·7	26·9	25·3	23·1	21·8	21·8	22·7	21·8	37·3	30·0	28·3
9	30·6	28·8	26·8	25·3	23·2	21·7	21·7	22·7	21·6	37·9	29·3	28·6
10	30·0	28·8	26·4	25·3	23·0	21·6	21·8	22·7	21·7	36·5	29·6	28·9
11	28·8	28·3	26·4	25·2	22·7	21·7	21·8	22·8	22·2	36·1	30·3	29·0
12	28·3	28·4	26·3	25·1	22·5	21·8	21·8	22·8	22·3	36·5	30·8	29·2
13	27·5	28·3	26·2	25·1	22·6	21·6	21·8	22·7	22·5	36·5	31·3	29·3
14	26·8	28·1	25·9	25·2	22·6	21·5	22·0	22·7	22·6	36·1	30·6	29·2
15	25·7	27·8	25·7	25·1	22·6	21·6	22·2	22·8	22·6	35·3	29·8	27·8
16	26·3	27·8	25·8	25·0	22·7	21·8	22·0	22·7	22·5	35·0	30·0	28·1
17	26·6	27·3	25·5	24·8	22·6	21·7	22·3	22·8	22·3	34·6	29·8	28·3
18	26·6	27 3	25 4	24·8	22·5	21·7	22·4	22·8	22·3	33·8	29·8	28·3
19	26·1	27·3	25·4	24·6	22·5	21·8	22·4	22·5	22·1	33·3	30·3	28·5
20	25·8	27·0	25·4	24·5	22·4	22·0	22·5	22·5	22·1	32·7	29·3	28·6
21	25·9	26·8	25·6	24·7	22·3	21·9	22·7	22·1	22·1	33·3	29·2	28·8
22	26·6	26·7	25·7	24·5	22·2	21·8	22·6	22·3	22·0	34·5	30·0	28·8
23	26·8	26·7	25·8	24·2	22·1	21·7	22·4	22·3	21·7	34·9	29·1	28·8
24	27·3	26·8	25·9	24·1	22·1	21·8	22·4	22·3	21·6	34·6	28·7	28·7
25	27·7	26·8	25·8	24·0	22·2	21·9	22·5	22·3	21·5	33·3	29·2	28·6
26	27·8	26·6	25·8	24·0	22·1	21·8	22·6	22·3	21·9	32·8	29·1	28·8
27	27·9	26·5	25·7	23·8	22·1	21·7	22·4	22·2	22·4	33·1	29·3	29·2
28	28·3	26·4	25·9	23·8	22·0	21·8	22·3	22·3	25·0	33·6	29·6	29·6
29	28·4	26·5	26·0	23·3	21·9	21·8	22·3	22·0	28·5	32·6	.....	29·8
30	28·3	26·4	25·8	23·5	21·9	21·8	22·5	21·6	31·7	33·1	.....	30·1
31	.....	26·3	.....	23·6	21·8	.....	22·3	.....	32·8	32·8	.....	29·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1895–96.

TABLE No. 704.

1	30·1	26·6	24·9	22·8	20·8	20·6	19·8	18·9	20·8	24·3	34·3	33·2
2	30·2	26·3	24·9	22·7	20·8	20·5	19·8	19·0	20·7	24·7	34·2	33·1
3	30·2	26·2	25·1	22·4	20·8	20·4	19·9	18·8	20·6	24·6	34·0	33·1
4	30·2	26·3	25·0	22·3	20·8	20·4	19·9	18·9	20·3	24·8	33·3	32·3
5	30·2	26·3	24·8	22·2	20·8	20·4	19·8	18·8	20·6	25·1	33·3	32·3
6	30·4	26·3	24·8	22·1	20·7	20·5	19·8	18·8	21·3	26·4	34·1	32·2
7	30·3	26·3	25·0	22·0	20·7	20·4	19·7	18·8	21·9	29·3	34·8	32·9
8	31·5	26·4	24·9	21·9	20·7	20·3	19·6	18·9	22·4	32·7	34·5	32·9
9	34·0	26·6	2 ·9	21·8	20·8	20·3	19·6	19·3	23·3	34·3	33·6	32·1
10	37·7	26·7	24·8	21·8	20·8	20·3	19·6	19·3	23·8	33·7	33·5	31·7
11	39·8	26·8	24·8	21·7	21·0	20·3	19·3	19·3	23·8	36·2	33·6	32·2
12	39·3	26·8	24·6	21·4	20·8	20·3	19·3	19·3	24·8	33·8	33·7	32·2
13	38·6	27·2	24·5	21·4	20·8	20·3	19·5	19·3	27·6	34·8	32·8	31·6
14	37·3	27·1	24·2	21·5	20·8	20·1	19·5	19·3	30·8	36·5	33·2	31·2
15	37·0	27·2	24·2	21·3	20·8	19·9	19·3	19·3	32·7	37·6	32·8	31·3
16	35·6	26·8	24·1	21·3	20·8	19·8	19·2	19·4	33·7	38·1	32·8	31·5
17	34·3	26·5	23·8	21·2	20·7	19·9	19·3	19·5	33·4	39·1	33·2	32·0
18	32·6	26·3	23·7	21·2	20·8	20·0	19·3	19·6	34·6	37·8	32·5	31·3
19	31·1	26·2	23·6	21·1	21·0	19·9	19·2	19·8	35·1	36·9	32·0	31·8
20	29·8	26·0	23·6	21·0	20·8	19·9	19·3	19·8	34·7	36·5	33·1	31·3
21	27·6	25·8	23·6	21·2	21·0	19·9	19·6	19·8	32·3	36·5	32·8	30·6
22	26·4	25·5	23·6	20·9	20·9	19·9	19·2	19·4	30·6	36·6	31·9	31·3
23	26·4	25·3	23·4	21·0	20·8	20·0	19·4	19·4	28·6	35·9	32·3	30·1
24	26·6	25·3	23·6	21·0	21·1	19·9	19·3	19·3	28·4	34·5	33·5	30·4
25	26·8	25·2	23·5	21·0	21·3	19·8	19·2	19·2	27·6	34·4	33·2	29·8
26	26·8	24·9	23·6	21·0	21·2	19·6	19·2	19·4	27·1	34·6	31·8	31·0
27	26·8	24·8	23·3	20·9	21·2	19·8	19·0	20·3	25·4	35·0	31·3	31·1
28	26·7	24·9	23·3	21·0	21·1	19·8	18·8	20·8	25·7	34·5	32·1	30·3
29	26·6	25·1	23·3	20·8	21·0	19·4	19·0	21·1	25·5	33·7	33·3	30·1
30	26·6	25·0	23·0	20·8	20·8	19·7	19·1	21·1	25·1	33·5	.....	31·3
31	.....	25·1	.....	20·8	20·6	.....	18·9	.....	24·3	33·7	.....	31·5

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1896–97.

TABLE No. 705.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	32·1	28·6	24·3	22·3	21·5	20·6	20·1	20·1	22·6	35·1	31·7	27·6
2	33·1	28·2	24·2	22·2	21·3	20·4	20·5	20·1	22·3	35·0	32·2	28·2
3	33·4	28·0	23·9	22·3	21·3	20·3	20·7	20·3	22·3	35·8	31·1	28·8
4	33·8	27·6	23·8	22·3	21·3	20·4	20·5	20·3	22·3	34·9	29·8	28·3
5	33·5	27·6	23·8	22·2	21·4	20·3	20·4	20·2	22·1	34·0	29·8	28·1
6	33·7	27·8	23·8	22·1	21·4	20·3	20·5	20·8	22·2	32·8	29·8	29·3
7	33·5	27·4	23·9	22·2	21·4	20·4	20·7	21·4	22·3	33·8	30·6	28·6
8	33·6	27·1	23·9	22·2	21·4	20·7	20·8	21·7	22·1	34·4	31·6	27·8
9	33·7	27·0	24·3	22·2	21·3	20·7	20·8	21·8	22·1	34·3	31·1	27·8
10	34·0	27·0	24·3	22·1	21·3	20·7	20·8	21·8	21·8	34·3	29·8	29·3
11	34·7	27·1	24·3	22·1	21·4	20·6	20·7	21·6	21·8	33·4	29·4	28·8
12	37·4	27·0	24·5	22·0	21·4	20·6	20·7	21·6	21·7	34·1	28·9	29·1
13	37·8	26·8	24·4	22·2	21·5	20·8	20·7	21·8	21·6	32·8	28·1	29·6
14	42·8	26·7	24·3	22·3	21·4	20·3	20·3	21·8	21·6	33·1	28·4	29·1
15	43·3	26·6	24·2	22·3	21·3	20·2	20·2	21·8	21·5	33·0	28·8	28·6
16	43·4	26·2	24·1	22·2	21·3	20·2	20·2	21·9	21·8	32·6	30·2	28·3
17	41·0	26·0	23·9	22·2	21·3	20·1	20·2	21·8	21·8	33·6	30·0	28·4
18	39·7	25·7	23·8	22·0	21·2	20·1	20·1	22·1	21·9	34·2	30·1	29·3
19	39·1	25·8	23·7	22·0	21·1	20·1	20·1	22·1	22·6	32·8	29·4	29·8
20	38·4	25·4	23·5	21·8	20·9	20·1	19·9	22·1	23·1	31·7	28·6	29·7
21	36·3	25·1	23·4	21·8	20·8	20·1	20·1	21·9	23·8	31·8	28·4	30·2
22	34·7	24·8	23·3	21·9	20·9	20·4	20·3	21·9	25·9	32·2	28·3	30·8
23	33·4	24·8	23·3	21·8	20·7	20·4	20·3	21·9	27·8	32·7	28·3	31·3
24	33·1	24·5	23·2	21·8	21·0	20·3	20·3	21·8	28·8	31·5	28·8	31·6
25	32·3	24·3	22·9	21·7	21·0	20·3	20·4	22·1	32·3	31·4	28·8	31·8
26	31·7	24·1	22·8	21·7	20·9	20·3	20·2	22·5	35·5	31·3	28·1	31·7
27	30·7	24·3	22·8	21·7	20·9	20·3	20·3	22·2	35·0	30·8	28·1	31·8
28	29·8	24·3	22·5	21·8	20·9	20·3	20·3	22·4	36·2	32·0	27·8	31·8
29	29·5	24·3	22·5	21·7	20·8	20·2	20·1	22·5	36·0	32·1	.....	31·7
30	29·0	24·3	22·4	21·6	20·4	20·1	20·1	22·7	37·2	31·1	.....	31·8
31	.....	24·4	.....	21·7	20·7	.....	20·1	.....	35·3	30·8	.....	31·9

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1897–98.

TABLE No. 706.

1	32·0	28·5	27·0	24·0	23·1	22·0	20·7	20·1	20·7	33·3	33·3	32·0
2	32·0	28·7	26·8	23·9	23·2	22·1	20·7	20·7	20·7	34·0	33·2	32·1
3	31·8	28·8	26·6	23·9	23·0	22·0	20·3	20·3	20·6	36·3	32·5	32·3
4	34·2	29·0	26·4	23·8	23·0	21·8	19·9	20·0	20·4	36·8	32·2	32·2
5	33·6	28·9	26·3	23·6	22·8	21·5	20·0	20·3	20·3	37·1	32·7	32·3
6	33·7	28·9	26·2	23·6	22·6	21·5	20·0	20·3	20·3	37·6	33·4	32·1
7	34·1	28·8	26·2	23·4	22·3	21·6	20·3	20·5	20·5	38·3	33·3	32·0
8	36·7	28·4	25·8	23·3	22·3	21·3	20·1	20·6	20·8	37·4	33·2	32·2
9	38·0	28·2	25·7	23·1	22·2	21·3	20·2	20·6	20·9	36·8	33·0	32·0
10	36·2	28·1	25·6	23·2	22·2	21·3	20·0	20·6	20·9	36·2	33·4	31·9
11	33·7	27·9	25·4	22·8	22·2	21·6	19·9	20·5	20·8	35·9	33·5	31·9
12	32·0	27·8	25·3	23·2	22·3	21·3	19·7	20·9	21·3	35·2	33·3	32·1
13	32·3	27·6	25·5	23·6	22·3	21·3	20·2	20·8	21·3	35·5	32·9	33·3
14	28·8	27·4	25·7	23·5	22·3	21·3	20·2	20·8	21·4	35·6	33·0	35·0
15	28·1	27·3	25·7	23·4	22·3	21·3	20·1	20·3	21·8	35·7	33·6	36·1
16	27·7	27·3	25·7	23·6	22·4	21·2	20·2	20·3	22·3	35·5	33·8	37·1
17	27·3	27·3	25·6	23·7	22·4	21·2	20·0	20·3	22·4	34·9	33·0	37·5
18	26·6	27·2	25·6	23·5	22·3	21·0	19·9	20·3	22·6	34·8	31·5	37·9
19	25·8	27·1	25·3	23·2	22·3	20·8	19·8	20·3	22·1	34·8	31·4	42·4
20	25·8	26·9	25·2	23·0	22·3	21·0	19·8	20·3	22·1	34·8	32·3	46·4
21	25·3	26·9	24·8	22·8	22·1	20·8	19·8	20·3	22·7	34·6	32·3	45·3
22	24·9	26·8	24·6	22·6	22·3	20·7	19·8	20·3	22·4	34·5	31·8	44·2
23	24·6	27·0	24·5	22·6	22·2	20·6	19·8	20·3	23·8	34·3	31·7	44·7
24	24·4	27·1	24·6	22·8	22·1	20·6	19·8	19·9	24·5	34·5	32·3	42·9
25	24·7	27·6	24·4	22·8	21·9	20·4	19·9	19·9	25·7	34·1	33·1	40·5
26	25·0	27·5	24·3	22·8	22·1	20·7	20·0	20·3	27·1	34·3	32·9	37·7
27	26·3	27·6	24·2	22·5	22·1	20·7	20·0	20·8	29·3	34·2	33·1	35·1
28	26·8	27·5	23·9	22·3	22·1	20·7	20·0	20·6	29·4	33·5	32·7	32·9
29	27·5	27·6	24·0	22·4	22·1	20·6	20·3	20·5	30·3	33·7	.....	32·2
30	28·0	27·4	24·1	22·8	22·1	20·5	20·3	20·8	32·2	33·1	.....	31·0
31	.....	27·2	.....	22·9	22·1	.....	20·2	.....	32·8	33·2	.....	30·3

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1898–99.

TABLE No. 707.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	29·8	25·0	25·1	24·3	22·1	21·6	21·3	22·7	21·6	37·1	34·1	31·8
2	29·4	25·0	25·1	24·3	22·1	21·4	21·3	22·3	21·5	36·6	33·8	31·3
3	29·2	25·1	25·2	24·3	22·0	21·6	21·1	22·4	21·6	36·5	33·4	31·5
4	28·8	24·8	25·3	24·3	21·8	21·4	21·2	22·3	21·6	37·1	33·2	31·4
5	28·4	24·9	25·0	24·3	21·9	21·3	21·3	22·1	21·8	42·2	33·3	31·3
6	27·5	24·8	24·9	24·2	21·9	21·3	21·1	22·1	21·4	39·1	33·2	31·4
7	26·8	24·8	24·8	23·9	21·8	21·3	20·8	22·1	21·3	38·3	33·1	31·1
8	26·1	24·8	24·6	23·8	21·8	21·2	20·8	21·8	21·4	38·5	32·6	30·9
9	25·5	24·7	24·4	23·9	21·8	21·3	20·8	22·0	21·3	38·5	32·6	30·7
10	25·2	24·8	24·4	23·8	21·8	21·4	20·6	22·0	21·3	37·3	32·2	31·3
11	24·9	24·8	24·3	23·6	21·8	21·2	20·3	21·8	21·8	36·6	30·8	31·3
12	24·7	24·6	24·2	23·3	21·6	21·1	20·4	21·7	21·9	35·3	31·0	31·3
13	24·5	24·5	24·1	23·2	21·6	21·1	20·8	21·6	23·2	35·1	30·9	31·3
14	24·5	24·4	24·1	23·0	21·6	21·0	20·8	21·8	23·6	35·2	31·3	31·6
15	24·3	24·3	24·2	22·9	21·6	21·0	21·2	22·0	24·9	36·4	31·0	31·3
16	24·2	24·2	24·0	22·8	21·4	20·9	21·6	22·1	26·3	37·1	31·6	35·0
17	24·2	24·2	23·9	22·7	21·7	21·0	21·6	22·3	27·6	36·9	32·7	34·0
18	24·2	24·2	23·8	22·6	21·8	21·1	21·4	22·3	27·9	37·1	32·4	34·1
19	24·2	24·1	23·9	22·6	21·8	21·1	21·2	22·5	27·6	35·7	32·0	33·5
20	24·2	24·3	23·8	22·6	21·7	21·1	21·3	22·5	27·9	35·7	31·7	32·6
21	24·4	24·2	23·8	22·8	21·7	20·9	21·5	22·4	28·8	36·1	31·8	32·4
22	24·7	24·1	23·9	22·7	21·7	20·7	21·6	22·3	29·6	36·5	31·8	33·3
23	24·8	23·9	23·8	22·5	21·8	20·8	21·8	22·3	29·8	36·0	31·9	33·3
24	24·8	24·1	23·6	22·3	21·7	21·6	21·9	22·3	29·3	35·6	31·3	33·3
25	25·1	24·3	23·6	22·3	21·7	21·3	22·1	22·2	29·3	35·2	30·7	33·3
26	25·1	24·4	23·7	22·3	21·6	21·1	22·3	22·0	29·8	34·1	31·4	33·5
27	25·0	24·7	23·8	22·3	21·6	21·4	22·0	21·9	29·6	34·3	31·5	33·6
28	25·0	24·8	23·9	22·2	21·6	21·3	22·3	21·7	30·3	33·7	31·6	33·5
29	25·2	24·8	24·1	22·1	21·4	21·3	22·4	21·6	32·3	33·7	.....	33·5
30	25·1	24·9	24·1	22·1	21·6	21·2	22·6	21·6	34·1	33·3	.....	33·4
31	.....	25·0	.....	22·1	21·6	.....	22·7	.....	35·1	33·5	.....	33·2

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1899-1900.

TABLE No. 708.

1	33·7	28·9	26·1	23·3	22·4	21·0	21·1	21·1	20·3	24·6	33·0	32·8
2	33·4	29·3	26·1	23·3	22·3	20·8	21·3	21·3	20·3	25·6	32·8	32·3
3	33·6	29·8	26·2	23·2	22·3	20·8	21·6	21·3	20·6	27·2	32·9	32·3
4	33·8	29·8	26·1	23·2	22·3	20·7	21·6	21·3	20·8	29·7	32·9	32·2
5	33·5	29·9	26·1	22·2	23·3	20·6	21·6	21·3	20·7	30·4	32·9	32·1
6	33·5	29·9	26·0	23·2	22·3	20·7	21·8	21·5	20·7	31·6	32·5	32·3
7	33·5	30·0	26·3	23·2	22·3	20·6	21·8	21·4	20·5	32·6	31·9	32·4
8	33·6	30·0	26·1	23·1	22·2	20·5	21·6	21·3	20·5	32·4	31·9	32·4
9	34·2	30·0	25·9	23·5	22·0	20·5	21·6	21·1	20·5	32·9	33·9	33·3
10	34·7	29·8	25·8	23·8	21·8	20·4	21·4	21·0	20·3	33·1	33·4	33·7
11	34·7	29·3	25·7	23·8	21·7	20·3	21·3	21·0	20·1	33·7	33·3	32·4
12	36·5	29·3	25·4	24·0	21·7	20·3	21·3	20·8	20·1	35·2	33·2	32·2
13	36·3	29·2	25·3	24·0	21·7	20·4	21·1	20·8	21·3	36·8	33·6	32·0
14	35·8	28·8	25·3	23·9	21·7	20·3	20·8	20·7	22·0	36·2	36·9	32·3
15	35·6	28·7	25·3	23·9	21·6	20·3	20·8	20·5	22·3	35·9	36·3	32·3
16	36·8	28·5	25·2	23·8	21·3	20·2	20·8	20·6	21·7	35·3	36·0	32·1
17	38·9	28·3	25·0	23·6	21·2	20·3	20·5	20·7	21·7	35·0	36·0	31·8
18	42·3	27·8	24·7	23·5	21·1	20·3	20·8	20·5	21·7	33·9	35·1	32·1
19	41·8	27·6	24·6	23·4	21·1	20·5	20·8	20·7	21·8	33·9	35·0	32·5
20	41·9	27·5	24·6	23·2	21·1	20·8	20·9	20·8	21·8	35·3	34·2	32·9
21	36·9	27·3	24·6	23·3	21·2	20·6	20·8	20·6	22·3	35·3	34·2	32·3
22	35·0	27·1	24·4	23·4	21·3	20·4	20·7	20·5	22·6	34·8	34·2	31·8
23	33·4	26·8	24·3	23·3	21·7	20·5	20·6	20·5	22·4	35·4	33·8	32·6
24	32·1	26·5	24·2	23·1	21·7	20·3	20·7	20·4	22·3	33·9	33·5	31·8
25	29·4	26·3	24·2	23·0	21·5	20·1	20·5	20·3	22·3	32·8	33·6	31·8
26	29·0	26·1	24·1	23·0	21·4	20·8	20·5	20·2	22·3	33·8	32·9	32·1
27	28·5	26·1	24·1	22·9	21·2	20·6	20·7	20·0	22·0	33·8	31·8	32·6
28	28·6	26·2	24·0	22·8	21·0	20·6	20·6	20·0	21·8	32·7	31·8	32·5
29	28·6	26·1	23·8	22·8	20·9	20·7	20·6	20·1	21·8	33·3	.....	32·3
30	28·8	26·0	23·7	22·3	20·8	20·9	20·6	20·2	21·6	33·4	.....	32·3
31	.....	26·1	.....	22·5	20·8	.....	20·8	.....	21·6	33·3	.....	32·3

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1900–01.

TABLE No. 709.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	32·4	27·8	24·5	22·7	23·6	21·7	21·5	20·7	22·3	35·1	32·3	29·8
2	32·9	27·6	24·7	22·6	23·3	21·5	21·5	20·6	22·3	33·2	32·1	31·9
3	33·3	27·4	25·1	22·5	23·3	21·4	21·3	20·8	22·3	32·3	31·8	31·8
4	34·6	27·3	25·6	22·6	23·1	21·5	21·3	20·8	22·4	33·2	31·9	31·1
5	34·7	27·1	25·6	22·5	22·7	21·3	21·3	21·0	23·5	33·7	32·0	30·9
6	34·9	26·8	25·4	22·6	22·8	21·3	21·7	21·1	22·8	33·7	31·4	30·0
7	35·3	26·6	25·1	22·7	22·9	21·5	21·6	21·1	22·6	33·8	30·3	29·9
8	37·2	26·3	24·8	22·8	23·0	21·4	21·6	21·3	22·4	34·0	30·3	30·7
9	39·9	26·3	24·8	22·9	23·1	21·3	21·8	21·7	22·3	35·3	30·6	30·8
10	39·4	26·3	24·6	23·1	23·1	21·3	21·8	21·7	22·0	34·3	31·7	30·8
11	38·5	26·3	24·4	23·3	23·1	21·3	21·8	21·3	22·8	33·8	30·8	30·5
12	42·3	26·2	24·5	23·3	23·1	21·2	21·7	21·3	23·3	33·4	31·7	30·6
13	41·6	26·1	24·3	23·5	23·1	21·3	21·7	21·3	24·6	33·1	31·8	30·4
14	40·0	26·0	24·0	23·9	23·0	21·3	21·7	21·3	24·8	32·8	31·3	30·3
15	39·3	25·9	24·0	23·9	22·9	21·3	21·7	21·1	25·8	33·1	30·8	30·6
16	39·2	26·0	23·9	23·9	22·9	21·3	21·6	21·1	27·1	33·6	30·3	30·1
17	39·6	26·0	23·8	24·3	22·9	21·2	21·6	20·9	28·9	34·3	31·8	30·8
18	35·2	26·1	23·8	24·5	22·9	21·5	21·3	21·1	29·9	33·6	31·7	30·8
19	32·6	26·3	23·6	24·8	22·8	21·3	21·4	21·4	30·2	32·4	31·6	30·2
20	31·4	26·2	23·3	24·8	22·5	21·2	21·3	21·8	30·8	31·8	32·5	30·1
21	30·1	26·0	23·2	24·7	22·4	21·3	21·1	22·7	30·8	31·3	31·8	30·3
22	28·8	25·8	23·2	24·4	22·3	21·4	21·1	23·8	30·8	32·1	31·1	30·2
23	28·3	25·7	23·1	24·3	22·1	21·5	21·2	24·3	31·0	32·1	31·3	30·3
24	28·4	25·8	22·8	24·0	22·0	21·6	21·3	24·2	30·9	32·1	31·6	31·0
25	28·4	25·5	22·8	24·0	22·0	21·6	21·3	24·1	30·1	32·7	31·0	31·0
26	28·4	25·2	22·8	23·9	22·0	21·6	21·2	24·0	29·6	33·2	31·3	31·0
27	28·4	25·2	22·8	23·8	22·0	21·7	21·1	23·6	30·0	33·5	30·2	31·7
28	28·3	25·3	23·0	23·6	22·0	21·7	21·0	22·8	31·1	32·8	29·9	32·4
29	28·1	24·9	23·0	23·6	21·9	21·6	21·1	22·6	31·6	32·7	.....	32·8
30	27·8	24·7	22·8	23·4	21·9	21·6	21·3	22·3	32·3	31·6	.....	32·8
31	.....	24·5	.....	23·4	21·9	.....	21·1	.....	34·8	32·2	.....	32·7

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1901–02.

TABLE No. 710.

1	32·7	28·2	24·9	23·1	21·8	21·3	20·2	19·8	20·1	33·4	30·2	28·5
2	32·6	28·1	24·9	23·0	21·8	21·3	20·0	19·9	20·2	35·8	30·5	28·6
3	32·5	28·1	25·0	23·0	21·3	21·3	20·3	19·8	20·3	35·8	31·0	30·2
4	32·7	28·1	25·3	23·2	21·7	21·2	20·3	19·8	20·8	36·1	30·4	31·4
5	33·5	28·0	25·4	23·2	21·7	21·1	20·2	19·8	20·9	33·6	30·6	31·6
6	34·6	27·8	25·3	23·3	21·7	20·9	20·1	19·7	21·1	36·3	31·1	31·8
7	36·7	27·6	25·3	23·1	21·7	20·8	20·1	19·6	21·8	35·9	31·2	32·0
8	37·6	27·4	25·2	23·2	21·4	20·7	20·0	19·6	23·6	35·0	30·3	31·3
9	38·1	27·3	25·3	22·9	21·4	20·6	19·9	19·6	24·3	34·3	29·6	31·4
10	39·5	27·0	25·3	22·8	21·5	20·5	19·9	19·5	24·3	34·3	30·0	31·5
11	39·5	26·9	25·3	22·8	21·6	20·6	20·1	19·5	24·7	33·8	28·6	31·0
12	38·7	26·6	25·3	22·7	21·7	20·5	20·1	19·8	25·2	33·2	28·8	31·2
13	42·7	26·4	25·3	22·4	21·6	20·6	19·9	19·9	25·0	33·3	28·4	31·6
14	43·6	26·2	25·0	22·1	21·5	20·6	20·1	20·1	24·1	32·6	29·3	32·2
15	45·3	26·1	25·0	22·1	21·5	20·5	20·1	20·2	23·8	32·4	28·3	33·3
16	43·9	26·0	24·5	22·1	21·4	20·5	20·0	20·2	24·3	32·4	28·6	33·5
17	42·0	25·8	24·4	22·3	21·3	20·7	20·2	19·9	25·2	33·4	28·7	34·3
18	31·8	25·9	24·3	22·1	21·3	20·7	20·2	19·8	26·2	31·7	28·5	34·8
19	29·1	26·1	24·2	22·1	21·3	20·7	20·2	19·8	27·3	31·6	28·9	39·8
20	29·1	26·2	24·1	22·1	21·3	20·5	20·2	19·8	28·9	31·1	27·8	38·4
21	28·6	26·0	23·9	22·1	21·1	20·3	20·5	19·5	30·1	31·5	27·9	38·7
22	28·1	25·8	23·8	21·8	20·8	20·3	20·4	19·4	31·2	30·8	28·3	38·4
23	28·3	25·6	23·8	21·8	20·7	20·1	20·2	19·6	32·6	32·6	27·9	38·2
24	28·6	25·8	23·8	21·8	20·8	20·3	20·3	19·6	34·6	31·7	28·3	38·1
25	28·8	25·6	23·8	21·6	20·8	20·2	20·2	19·8	34·0	31·0	28·7	40·0
26	28·8	25·3	23·6	21·5	20·8	19·9	19·9	19·8	33·6	31·0	28·6	40·3
27	28·9	24·9	23·4	21·3	20·8	19·8	19·9	19·8	33·2	31·3	28·5	40·3
28	29·1	25·0	23·3	21·3	20·7	19·8	20·0	20·0	32·4	31·8	28·5	40·3
29	29·3	25·1	23·2	21·3	20·7	19·8	20·0	19·8	32·0	30·3	.....	38·3
30	29·3	24·8	23·2	21·8	20·7	20·1	19·8	20·0	31·3	30·3	.....	36·9
31	.....	24·8	.....	21·7	21·3	.....	19·8	.....	30·8	30·4	.....	36·0

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1902–03.

TABLE No. 711.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	34·2	25·4	25·0	23·7	22·5	21·4	21·1	21·3	22·1	38·8	33·0	32·3
2	32·3	25·7	25·0	23·6	22·5	21·6	21·1	21·3	22·2	38·9	33·3	32·3
3	30·7	25·8	25·1	23·6	22·8	21·6	21·0	21·2	22·6	38·8	33·6	32·6
4	28·5	25·7	25·3	23·6	23·0	21·6	21·0	21·3	22·2	39·0	33·8	32·5
5	27·4	25·7	25·4	23·6	23·0	21·6	20·9	21·3	22·3	37·9	33·2	33·1
6	26·9	25·9	25·4	23·7	23·0	21·6	20·8	21·0	21·8	37·3	32·8	33·1
7	26·7	25·7	25·3	23·6	22·9	21·3	20·8	21·2	21·8	36·9	32·6	32·5
8	26·3	25·9	25·3	23·6	22·8	21·4	20·9	21·2	21·9	36·8	32·6	33·0
9	27·0	25·8	25·3	23·6	22·8	21·1	21·0	21·0	23·0	35·9	32·8	33·6
10	26·6	26·1	25·0	23·7	22·7	21·3	20·8	21·0	24·5	35·7	32·3	36·1
11	26·4	25·9	25·2	23·5	22·7	21·2	20·7	21·1	26·0	35·4	33·4	36·0
12	26·1	25·9	25·2	23·2	22·7	21·2	20·8	21·3	28·2	35·9	34·1	35·7
13	26·0	26·0	25·0	23·2	22·5	21·0	20·8	21·2	30·5	35·3	33·3	36·0
14	26·0	25·7	24·9	23·2	22·3	21·1	20·8	21·6	32·3	34·8	32·8	36·0
15	25·7	25·4	24·6	23·0	22·3	21·1	20·8	21·8	34·4	35·6	32·1	36·0
16	25·5	25·1	24·6	23·0	22·2	21·1	20·9	22·0	34·2	35·8	32·8	36·1
17	25·4	25·0	24·6	22·9	22·0	21·1	21·0	22·2	36·2	36·2	33·3	36·2
18	25·3	24·9	24·5	23·0	22·0	21·1	21·0	22·3	35·8	35·8	32·3	36·2
19	25·2	24·8	24·5	23·0	21·9	21·1	20·9	22·2	35·2	34·2	31·6	36·2
20	24·9	24·7	24·4	23·0	21·9	21·2	21·0	22·3	34·8	33·3	31·3	37·2
21	24·9	24·4	24·4	23·0	22·1	21·1	21·2	22·3	34·7	33·6	31·6	40·1
22	25·1	24·2	24·1	23·1	22·1	21·1	21·1	22·3	36·5	33·9	32·3	42·2
23	25·0	24·1	24·2	23·1	22·1	21·1	21·3	22·3	35·3	34·3	31·8	42·1
24	24·8	24·1	24·1	23·0	22·0	21·3	20·9	22·3	34·6	33·8	32·4	44·9
25	24·9	24·1	24·0	23·0	22·0	21·3	21·1	22·5	37·7	32·9	32·3	47·3
26	24·8	24·1	23·9	22·8	22·1	20·8	21·0	22·6	37·3	32·3	31·9	45·0
27	24·8	24·5	23·9	22·8	21·9	20·6	20·8	22·6	38·4	32·0	31·7	41·9
28	25·1	24·8	24·1	22·7	21·8	20·7	21·1	22·4	42·8	33·4	31·9	37·3
29	25·2	24·9	23·9	22·8	21·6	20·9	21·2	22·3	40·5	34·6	.....	34·8
30	25·0	25·2	23·8	22·8	21·6	21·0	21·2	21·8	40·0	34·6	.....	32·9
31	.....	25·2	.....	22·6	21·5	.....	21·3	.....	38·9	34·0	.....	31·0

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1903–04.

TABLE No. 712.

1	29·6	24·4	23·8	24·2	23·0	21·8	21·3	21·3	19·8	36·4	33·6	31·3
2	27·8	24·4	23·8	24·0	22·9	21·8	21·5	21·3	19·8	36·3	33·0	31·4
3	27·1	24·3	23·7	24·4	22·8	21·8	21·3	21·2	19·8	36·2	32·3	32·5
4	27·6	24·3	23·5	24·7	22·7	21·8	21·3	21·2	20·0	35·5	31·8	31·3
5	27·3	24·8	23·4	24·7	22·4	21·7	21·3	21·3	20·0	35·0	31·0	30·6
6	27·1	24·8	23·3	24·6	22·4	21·7	21·4	21·3	20·0	35·1	31·5	30·8
7	26·8	24·8	23·2	24·4	22·4	21·8	21·3	21·3	20·2	35·6	31·5	32·3
8	27·1	24·8	23·1	24·2	22·4	21·8	21·3	21·1	20·3	35·3	31·6	33·0
9	27·2	24·8	23·1	24·1	22·4	21·6	21·7	21·0	20·5	35·7	31·6	32·9
10	27·0	24·8	23·2	23·9	22·6	21·3	22·0	20·9	21·1	35·9	30·7	32·4
11	26·9	24·8	23·2	23·9	22·6	21·5	22·3	20·9	20·9	35·1	30·4	32·3
12	26·7	25·1	23·4	23·8	22·6	21·5	22·8	20·8	20·8	34·7	31·1	32·5
13	26·6	25·0	23·7	23·7	22·6	21·3	22·6	20·8	21·3	34·3	32·4	32·3
14	26·4	25·3	23·7	23·5	22·6	21·3	22·4	20·7	21·7	34·8	32·3	32·4
15	26·4	25·0	23·9	23·4	22·7	21·4	22·1	20·7	23·3	34·8	32·4	33·1
16	26·3	25·3	24·3	23·3	22·5	21·3	21·9	20·7	25·4	33·8	32·1	32·9
17	26·2	25·0	24·1	23·2	22·5	21·3	21·7	20·6	28·1	34·2	31·3	32·3
18	26·0	25·0	24·0	23·0	22·5	21·3	21·9	20·5	30·9	33·7	30·2	32·3
19	25·8	25·0	23·9	22·8	22·3	21·3	22·2	20·3	32·3	33·9	31·2	32·6
20	25·8	25·0	23·9	22·8	22·3	21·3	22·3	20·3	31·3	33·6	31·4	32·9
21	25·7	25·0	23·8	22·8	22·3	21·4	22·4	20·3	37·9	32·9	32·4	32·3
22	25·6	24·9	23·8	22·8	22·3	21·6	22·5	20·2	38·6	32·6	32·8	32·4
23	25·6	24·8	23·9	22·9	22·3	21·5	22·4	19·9	36·7	32·9	32·1	32·8
24	24·8	24·7	23·9	23·1	22·3	21·6	22·3	20·3	37·6	32·9	31·8	32·8
25	24·8	24·4	24·1	23·0	22·3	21·7	22·2	20·4	38·5	32·9	31·8	33·3
26	24·7	24·3	24·3	23·1	22·3	21·6	22·1	19·9	37·8	32·3	30·6	34·1
27	24·7	24·2	24·4	23·1	22·3	21·6	21·9	19·8	36·8	32·2	31·0	34·8
28	24·5	24·2	24·3	23·0	22·3	21·7	21·7	19·8	36·9	31·0	31·1	36·1
29	24·5	24·1	24·3	22·9	22·2	21·7	21·4	19·8	36·6	30·9	31·2	36·1
30	24·6	24·1	24·3	23·0	21·9	21·4	21·3	19·8	36·7	32·1	.....	35·9
31	.....	23·8	.....	23·0	21·7	.....	21·3	.....	36·4	33·0	.....	35·8

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1904–05.

TABLE No. 713.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	35·8	27·8	28·0	25·3	23·3	22·4	23·2	23·3	21·4	35·0	31·5	31·4
2	35·9	27·8	28·1	25·3	23·3	22·4	23·2	23·1	21·4	35·0	31·8	30·9
3	36·7	28·1	28·3	25·2	23·3	22·6	23·2	23·1	21·3	34·4	31·3	30·9
4	37·0	28·3	28·5	25·0	23·1	22·8	23·2	23·1	21·1	33·2	30·3	31·3
5	37·3	28·6	28·7	24·8	22·9	23·0	23·0	23·1	20·9	32·2	30·4	31·3
6	39·6	28·8	28·8	24·8	22·9	23·1	23·0	22·8	21·1	31·9	30·4	31·8
7	39·6	29·1	28·8	24·8	22·8	22·9	22·9	22·8	21·2	32·1	30·4	31·2
8	39·6	29·1	28·9	24·5	22·8	22·8	22·9	22·8	21·6	32·7	30·4	31·8
9	41·8	29·1	28·9	24·4	22·8	22·8	23·0	22·8	21·9	32·2	30·4	31·5
10	46·2	29·2	28·9	24·3	22·7	22·7	23·0	22·8	22·3	32·9	31·3	31·7
11	45·2	29·3	28·8	24·3	22·6	22·3	23·3	22·6	23·2	32·2	31·3	31·3
12	45·1	29·3	28·7	24·3	22·8	22·3	23·7	22·3	26·0	32·3	31·3	32·4
13	44·8	29·3	28·7	24·3	22·7	22·5	23·3	22·3	28·5	32·4	31·3	31·3
14	44·7	29·1	28·5	24·4	22·7	22·4	23·0	22·7	31·3	32·3	29·9	31·7
15	43·3	28·9	28·3	24·4	22·8	22·3	23·1	22·1	32·2	32·3	30·3	31·6
16	42·3	28·9	28·3	24·4	22·8	22·3	22·9	22·1	34·8	32·7	30·7	31·5
17	41·9	28·9	28·1	24·4	22·8	22·3	22·8	22·0	36·8	32·9	30·7	31·8
18	39·3	28·9	27·8	24·4	22·8	22·3	22·9	21·8	36·5	32·9	30·9	31·6
19	37·8	29·3	27·3	24·3	22·6	22·2	22·9	21·6	37·1	32·7	29·8	31·9
20	36·7	29·2	27·3	24·3	22·6	22·1	22·9	21·6	37·8	33·4	29·8	31·0
21	35·9	29·1	26·9	24·2	22·7	22·1	22·9	21·6	37·1	33·0	31·1	31·3
22	34·2	28·8	26·8	24·1	22·7	21·9	23·5	21·6	36·6	33·0	30·8	31·6
23	32·1	28·8	26·6	23·9	22·8	21·8	23·7	21·6	36·7	32·4	29·8	31·8
24	30·7	28·5	26·3	23·7	22·7	21·8	23·8	21·8	36·6	31·9	30·4	31·8
25	28·6	28·5	26·1	23·6	22·7	22·4	23·7	21·8	35·8	31·2	31·0	31·8
26	28·3	28·5	25·8	23·6	22·7	22·8	23·7	21·6	34·4	31·0	31·3	31·9
27	27·6	28·3	25·9	23·5	22·7	23·0	23·7	21·4	33·8	30·7	31·3	32·8
28	26·9	28·3	25·8	23·4	22·6	22·9	23·7	21·4	33·8	31·7	31·2	33·7
29	26·8	28·1	25·6	23·4	22·6	22·8	23·4	21·4	33·9	31·6	.....	33·9
30	27·0	28·1	25·5	23·4	22·5	22·9	23·4	21·4	33·3	31·3	.....	34·3
31	.....	28·1	.....	23·3	22·5	.....	23·3	.....	33·2	31·8	.....	34·9

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1905–06.

TABLE No. 714

1	36·3	22·0	23·8	22·8	22·3	21·5	21·4	21·4	21·0	26·6	38·4	33·3
2	37·5	22·2	23·7	22·7	22·4	21·6	21·4	21·3	20·8	25·9	37·4	33·2
3	37·1	22·3	23·8	22·8	22·5	21·6	21·4	21·3	20·8	25·3	35·8	33·6
4	37·1	22·7	23·6	23·1	22·5	21·7	21·4	21·3	21·3	26·0	36·4	33·2
5	36·6	22·8	23·6	23·2	22·4	21·8	21·4	21·3	21·1	27·1	37·0	33·2
6	39·7	22·8	23·8	23·2	22·2	21·8	21·3	21·3	20·9	27·8	36·4	33·4
7	38·8	23·0	23·5	23·1	22·3	21·9	21·2	21·2	20·9	28·9	36·2	33·3
8	38·8	23·4	23·3	23·1	22·3	21·8	20·8	21·2	21·0	29·4	35·8	33·3
9	39·8	23·6	23·3	22·8	22·3	21·6	21·0	21·3	20·9	30·2	35·2	33·1
10	38·8	24·0	23·2	22·7	22·3	21·4	21·0	21·3	20·9	32·2	35·0	32·9
11	37·9	24·3	23·2	22·6	22·2	21·4	20·8	21·3	20·8	33·6	35·3	32·1
12	38·5	24·6	23·3	22·4	22·0	21·4	21·1	21·3	21·3	33·9	35·6	32·6
13	37·4	24·6	23·3	22·3	22·0	21·6	21·1	21·3	21·8	35·2	35·9	32·3
14	34·9	24·6	23·3	22·3	22·0	21·4	21·1	21·3	22·4	34·8	36·1	32·3
15	33·9	24·8	23·3	22·4	21·8	21·3	21·1	20·8	22·9	35·3	35·8	32·3
16	30·6	24·8	23·3	22·4	21·8	21·2	20·8	21·1	23·8	38·4	34·6	32·3
17	29·2	25·3	23·3	22·4	21·8	21·3	21·1	21·3	25·4	38·1	34·4	32·3
18	27·1	25·3	23·5	22·4	21·8	21·3	21·1	21·1	26·3	36·3	35·0	32·3
19	25·6	25·3	23·8	22·4	21·8	21·4	21·1	20·8	27·3	38·1	35·3	32·3
20	24·6	25·3	23·8	22·6	21·8	21·4	21·3	20·8	27·4	37·5	35·1	32·3
21	24·3	25·3	23·8	22·6	21·8	21·4	21·3	20·6	27·9	37·8	35·1	32·3
22	23·6	25·3	23·8	22·5	21·8	21·4	21·3	20·6	28·4	37·8	34·9	32·3
23	23·2	25·3	23·8	22·5	21·8	21·4	21·3	20·8	28·9	37·1	35·0	32·3
24	22·8	25·0	23·6	22·2	21·7	21·3	21·5	20·8	29·2	36·5	34·9	32·3
25	22·6	24·8	23·2	22·3	21·6	21·3	21·3	20·9	29·2	37·0	34·7	32·3
26	22·6	24·6	23·3	22·3	21·5	21·4	21·3	20·9	29·3	37·0	34·6	32·0
27	22·4	24·6	23·2	22·2	21·4	21·3	21·3	21·1	29·5	36·9	33·8	31·3
28	22·3	24·3	23·1	22·1	21·4	21·3	21·3	21·1	28·9	36·5	33·7	31·8
29	21·8	24·2	22·9	22·1	21·3	21·3	21·3	21·0	28·2	34·7	.....	32·8
30	21·9	24·2	22·8	22·1	21·3	21·5	21·3	21·3	27·4	36·6	.....	33·1
31	.....	24·1	.....	22·3	21·5	.....	21·4	.....	26·6	38·7	.....	33·2

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1906–07.

TABLE No. 715

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	33·3	23·8	24·3	23·6	21·3	20·3	19·7	20·1	20·1	33·4	30·9	31·6
2	33·3	23·8	24·3	23·4	21·3	20·0	19·6	20·0	20·0	33·1	30·8	32·0
3	33·3	23·9	24·3	23·4	21·2	20·3	19·8	20·1	20·3	32·5	32·1	32·7
4	34·7	23·9	24·2	23·4	21·3	20·4	19·8	20·0	20·4	32·8	30·3	32·8
5	33·3	23·9	24·0	23·4	21·3	20·3	19·8	19·9	20·7	33·8	30·1	32·7
6	33·5	23·9	24·0	23·4	21·2	20·2	19·8	19·8	22·2	33·6	30·5	32·3
7	36·4	24·0	24·3	23·3	21·2	20·3	19·8	19·7	22·6	33·2	30·2	31·9
8	32·4	24·3	24·4	23·3	21·3	20·3	19·8	19·7	24·6	32·8	30·7	32·0
9	31·2	24·3	25·1	23·3	21·2	20·1	19·0	19·6	27·6	32·6	31·6	32·1
10	29·8	24·6	25·3	22·8	21·0	20·3	19·9	19·6	30·4	31·8	31·8	32·1
11	28·2	24·8	25·7	22·8	20·9	20·1	19·9	19·6	33·4	32·5	32·1	32·4
12	26·8	24·8	25·3	22·7	20·8	19·9	19·7	20·7	33·9	32·3	31·2	32·3
13	26·3	25·0	25·1	22·7	20·8	19·8	19·6	20·1	34·8	32·0	30·3	32·6
14	25·3	25·4	24·8	22·3	20·7	19·9	19·5	19·9	35·1	31·6	30·7	32·3
15	24·6	25·4	24·7	22·0	20·6	19·9	19·7	19·9	34·0	31·4	31·5	32·1
16	23·8	25·4	24·6	21·9	20·7	19·8	20·0	20·3	37·3	30·4	32·6	31·6
17	23·8	25·4	24·4	21·8	20·7	19·6	19·9	19·9	36·9	30·4	32·6	32·0
18	23·5	25·4	24·4	21·8	20·5	19·8	19·8	19·9	35·5	30·2	30·7	31·6
19	23·4	25·3	24·3	21·8	20·5	19·8	19·8	19·8	34·9	29·2	31·0	32·3
20	23·3	25·3	24·3	21·8	20·5	19·8	19·9	20·1	34·8	30·1	30·8	32·8
21	23·3	25·3	24·1	21·7	20·5	19·8	20·1	20·3	34·5	31·3	31·5	32·2
22	23·3	25·3	24·1	21·6	20·8	19·8	20·1	20·0	34·0	30·7	30·9	32·7
23	23·8	25·3	24·3	21·6	21·0	19·8	20·1	20·2	33·1	30·7	30·7	32·7
24	23·8	25·3	24·4	21·6	21·0	19·9	20·1	20·3	33·2	30·1	30·8	32·8
25	24·0	25·3	24·4	21·6	20·6	19·8	19·8	20·1	33·2	29·8	32·0	33·3
26	24·0	25·2	24·3	21·6	20·3	19·6	20·0	20·1	33·3	29·6	31·3	33·8
27	24·0	25·1	24·1	21·5	20·4	19·7	19·9	20·7	32·8	29·7	32·2	33·8
28	24·0	25·0	24·0	21·4	20·4	19·7	19·9	20·3	33·6	29·8	31·7	34·1
29	23·8	24·9	24·0	21·3	20·3	19·6	20·2	20·3	33·2	30·4	.....	34·7
30	23·8	24·7	23·8	21·3	20·2	19·7	20·3	20·1	33·6	30·9	.....	35·6
31	.....	24·4	.....	21·3	20·1	.....	20·3	.....	33·5	31·0	.....	36·2

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1907–08.

TABLE No. 716.

1	36·4	25·5	25·8	24·4	22·8	20·8	21·3	21·3	21·4	23·2	33·6	34·0
2	36·6	26·1	25·6	24·3	22·6	20·8	21·3	21·1	21·5	23·3	33·9	34·6
3	36·4	26·2	25·5	24·4	22·4	21·1	21·4	21·3	21·5	23·3	33·3	34·5
4	36·3	26·4	25·4	24·3	22·4	21·3	21·3	21·7	21·4	23·2	34·0	34·4
5	35·9	26·6	25·2	24·2	22·3	21·1	21·4	21·8	21·3	23·6	33·8	34·6
6	35·4	26·6	25·4	24·0	22·3	20·9	21·4	22·0	21·2	23·9	33·8	34·3
7	35·2	26·3	25·4	23·8	22·2	21·0	21·5	23·9	21·3	24·3	33·8	34·4
8	34·9	26·3	25·4	23·8	22·3	21·0	21·8	23·6	21·1	24·9	33·5	34·1
9	34·8	25·9	25·4	23·8	22·2	21·3	21·8	23·8	21·1	25·0	32·6	33·8
10	34·7	25·5	25·5	23·8	22·1	21·2	21·8	23·8	21·3	24·7	32·7	32·8
11	34·6	25·5	25·4	23·7	21·9	21·2	22·0	23·8	22·0	25·8	33·8	32·6
12	34·3	25·5	25·2	23·6	21·9	21·1	22·2	23·6	22·1	28·1	34·4	33·3
13	34·5	25·0	25·1	23·5	21·9	21·2	22·1	23·3	22·1	29·8	33·9	32·8
14	35·3	25·0	24·9	23·3	21·9	21·1	22·0	23·2	21·9	31·2	34·8	33·3
15	36·3	24·8	24·9	23·3	21·8	20·9	21·9	22·9	23·3	32·3	34·8	33·3
16	35·7	24·8	24·9	23·1	21·6	21·1	21·8	22·8	23·0	33·7	34·4	33·8
17	36·1	24·8	24·8	23·1	21·5	21·2	21·7	22·6	22·9	34·3	34·0	33·3
18	35·8	24·9	24·7	23·0	21·6	21·1	21·8	22·3	22·8	36·7	34·0	33·3
19	38·9	25·1	24·8	22·8	21·5	20·9	21·8	22·3	23·1	37·8	33·8	33·6
20	37·6	25·3	24·6	22·8	21·3	21·0	21·6	22·3	22·7	35·9	33·8	33·6
21	30·8	25·6	24·4	22·7	21·3	21·1	21·6	22·1	22·8	36·6	33·6	33·4
22	29·8	26·1	24·3	22·7	21·3	21·1	21·6	22·0	22·3	38·7	33·9	33·5
23	29·2	26·3	24·1	22·8	21·3	21·3	21·6	22·1	22·3	37·1	33·7	33·7
24	28·6	26·3	23·9	22·8	20·8	21·3	21·7	21·1	22·3	35·4	33·9	33·8
25	27·4	26·3	24·1	22·8	21·3	21·4	21·5	22·2	22·3	35·3	34·0	33·2
26	26·8	26·2	24·3	22·8	21·3	21·4	21·5	21·9	22·3	34·8	34·2	33·7
27	26·1	26·1	24·4	22·9	21·3	21·4	21·3	20·8	22·3	35·4	34·4	34·4
28	25·3	26·3	24·3	22·8	21·3	21·4	21·6	20·8	22·3	34·3	35·8	35·0
29	24·7	26·3	24·3	22·9	21·2	21·3	21·7	21·5	22·7	34·4	34·7	35·5
30	24·9	26·3	24·6	23·6	21·1	21·2	21·7	21·6	23·1	33·7	.....	36·2
31	.....	26·2	.....	22·9	21·0	.....	21·3	.....	23·2	33·7	.....	36·3

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1908–09.

TABLE No. 717.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	36·2	28·1	29·9	24·9	22·8	21·6	20·7	19·8	19·6	35·4	30·3	30·7
2	36·3	28·5	29·8	24·8	22·8	21·5	20·8	19·6	19·8	35·6	30·3	31·1
3	36·2	29·5	29·5	24·5	22·6	21·6	20·8	19·7	19·6	37·1	29·8	30·6
4	35·7	29·6	29·4	24·3	22·5	21·4	20·6	19·8	19·3	37·8	29·6	30·3
5	35·6	29·8	29·3	24·1	22·4	21·4	20·4	19·8	19·7	36·5	31·0	30·3
6	36·2	29·8	29·1	24·1	22·4	21·3	20·4	19·7	19·6	35·1	31·9	29·6
7	36·2	29·7	28·8	24·1	22·4	21·3	20·3	19·6	19·9	31·9	31·8	30·6
8	42·1	29·9	28·6	23·9	22·6	21·4	20·3	19·8	20·2	32·7	31·8	31·1
9	43·4	30·3	28·2	23·8	22·3	21·3	20·4	20·1	20·4	32·5	32·0	30·6
10	43·1	30·7	28·0	23·8	22·3	21·3	20·4	20·2	22·1	31·6	30·4	30·6
11	42·2	30·8	27·9	23·8	22·5	21·3	20·4	20·1	22·6	33·8	30·2	30·9
12	42·4	30·9	27·7	23·6	22·5	21·3	20·5	19·8	23·8	33·4	30·3	30·1
13	42·9	31·1	27·3	23·8	22·4	21·4	20·4	19·8	24·8	33·3	31·6	30·6
14	42·3	31·3	27·3	23·8	22·5	21·4	20·3	19·8	25·1	32·1	30·9	30·6
15	41·1	31·2	27·0	23·8	22·6	21·3	20·3	19·6	25·8	31·9	30·6	30·6
16	41·1	31·1	27·0	23·8	22·5	21·2	20·2	19·6	25·6	31·3	29·8	30·8
17	38·8	31·0	26·8	23·8	22·4	21·1	20·2	19·6	25·3	31·3	29·7	31·2
18	37·9	31·0	26·6	23·6	22·4	20·9	20·0	19·8	25·1	31·3	29·6	30·8
19	36·1	31·0	26·4	23·6	22·4	20·9	20·1	19·6	24·8	30·3	29·1	30·6
20	34·3	30·9	26·2	23·8	22·3	20·8	20·0	19·6	26·1	30·0	30·8	31·2
21	32·7	31·0	26·2	23·7	22·2	20·7	19·7	19·4	27·0	31·8	30·3	30·4
22	31·6	30·8	26·1	23·7	21·8	20·7	19·6	19·4	27·6	33·4	30·0	30·6
23	30·5	30·6	25·8	23·6	21·9	20·7	19·6	19·4	29·6	32·9	30·8	30·6
24	29·6	30·4	25·7	23·6	21·9	20·8	19·6	19·5	29·7	30·7	31·3	30·6
25	27·9	30·3	25·6	23·3	21·9	20·8	19·8	19·7	32·8	31·4	31·3	31·3
26	27·1	30·0	25·6	23·1	21·9	20·7	19·9	19·5	32·5	32·6	30·3	31·3
27	26·9	29·8	25·3	23·0	21·8	20·6	19·9	19·5	32·2	31·8	30·3	31·4
28	26·9	29·9	25·2	23·1	21·8	20·6	20·0	19·6	32·8	32·4	31·0	31·6
29	27·2	29·8	25·1	22·9	21·7	20·8	20·1	19·7	34·6	31·4	.....	31·9
30	27·5	29·8	25·1	22·9	21·7	20·8	20·1	19·7	35·5	30·9	.....	32·3
31	.....	29·8	.....	22·8	21·6	.....	20·0	.....	35·6	30·8	.....	32·4

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1909–10.

TABLE No. 718.

1	32·4	26·1	29·9	23·9	23·3	21·8	21·9	20·4	20·8	27·9	30·9	29·5
2	32·6	26·7	29·9	23·9	23·3	21·8	22·0	20·6	20·9	29·5	30·9	29·7
3	34·4	27·2	29·6	23·9	23·4	21·8	22·0	20·4	20·8	30·1	31·0	29·9
4	34·3	27·5	29·3	23·9	23·4	21·8	22·0	20·5	20·4	32·1	30·6	30·3
5	34·3	27·5	29·0	23·8	23·4	21·9	21·8	20·4	20·1	32·4	30·6	30·8
6	36·8	27·4	28·6	23·8	23·3	22·0	21·5	20·3	20·1	34·3	31·0	31·2
7	41·3	27·3	28·6	23·8	23·2	21·7	21·4	20·0	20·1	34·5	29·3	31·8
8	42·6	27·1	28·2	23·7	23·1	21·5	21·3	19·9	20·1	34·9	29·3	32·8
9	42·3	27·0	27·8	23·6	23·1	21·6	21·3	20·2	20·1	35·4	30·4	33·0
10	42·3	27·2	27·4	23·3	22·9	21·3	21·1	20·0	20·3	35·3	31·0	32·6
11	41·3	27·9	27·0	23·0	22·8	21·4	21·1	19·9	20·3	34·6	29·8	32·3
12	39·8	28·7	26·8	23·0	22·4	21·3	21·0	20·0	20·0	34·3	29·3	31·9
13	41·9	29·2	26·4	22·9	22·3	21·3	21·0	20·3	20·1	34·8	29·2	31·6
14	37·8	29·4	26·4	22·9	22·0	21·4	21·0	20·0	20·8	34·3	29·1	31·4
15	35·3	29·6	26·2	22·8	22·0	21·5	21·0	20·0	20·8	33·6	30·0	31·1
16	35·9	29·6	26·0	22·8	22·3	21·5	21·1	20·1	20·9	32·6	29·8	30·9
17	30·3	29·7	25·8	22·8	22·4	21·5	20·9	19·8	20·8	32·6	28·8	30·0
18	28·8	30·1	25·7	22·8	22·4	21·6	20·8	20·3	20·6	32·8	28·3	30·1
19	28·1	30·5	25·3	22·8	22·4	21·3	20·8	20·3	20·4	34·1	28·1	30·1
20	28·1	30·7	25·0	22·8	22·4	21·3	20·7	20·1	20·6	33·1	27·9	30·3
21	27·9	30·7	25·2	22·8	22·4	21·3	20·6	20·3	20·9	32·5	28·0	30·3
22	27·3	30·6	25·3	22·6	22·1	21·2	20·4	20·3	21·3	32·8	29·0	30·8
23	27·3	30·5	25·2	22·6	21·8	21·2	20·6	20·6	21·7	32·3	28·0	31·0
24	27·3	30·5	25·1	22·6	21·8	21·2	20·6	21·0	21·8	32·3	27·3	33·4
25	27·0	30·5	24·9	22·6	21·8	21·3	20·5	21·7	22·2	32·4	27·3	33·7
26	27·0	30·3	24·8	22·6	21·8	21·3	20·4	20·8	22·6	31·6	28·1	37·0
27	26·6	30·2	24·4	22·6	21·8	21·6	20·4	20·8	23·5	31·8	27·8	38·9
28	26·5	30·1	24·4	22·6	21·8	21·6	20·6	20·7	23·8	31·9	28·8	38·0
29	26·4	30·3	24·3	22·6	21·7	21·8	20·8	20·8	25·1	31·3	.....	35·6
30	26·5	30·2	24·1	22·9	21·7	21·8	20·7	20·9	26·1	31·2	.....	32·6
31	.....	30·2	.....	23·1	21·7	.....	20·6	.....	27·4	30·7	.....	29·1

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1910–11.

TABLE No. 719.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	27·8	25·3	23·3	21·9	20·6	20·3	19·4	20·3	20·6	34·7	28·3	28·4
2	25·6	25·3	23·3	21·9	20·6	20·4	19·8	20·1	20·4	34·1	28·2	29·4
3	24·9	25·6	23·5	21·8	20·6	20·4	19·8	20·4	20·3	34·9	28·3	29·1
4	24·6	25·6	23·6	21·8	20·7	20·4	19·7	20·7	19·8	33·8	27·9	28·9
5	24·3	25·5	23·4	21·8	20·8	20·4	19·8	20·6	19·8	32·7	28·8	28·8
6	24·3	25·4	23·4	21·6	20·8	20·6	20·0	20·1	19·8	32·2	28·3	28·9
7	24·3	25·4	23·9	21·6	20·8	20·8	20·3	20·1	19·8	31·9	28·3	29·0
8	24·8	25·3	24·1	21·6	20·8	20·8	20·4	20·1	20·0	31·7	28·1	28·8
9	24·8	25·1	24·3	21·6	20·8	20·8	20·4	20·1	20·3	33·3	28·2	28·9
10	25·1	25·1	24·3	21·5	20·6	20·6	20·5	20·1	20·9	32·4	29·3	29·3
11	25·2	25·1	24·3	21·4	20·8	20·4	20·4	20·1	22·9	30·7	29·6	28·7
12	25·3	24·9	24·3	21·4	20·8	20·6	20·5	20·3	24·5	31·3	29·8	28·6
13	25·1	24·9	23·8	21·2	20·6	20·4	20·3	20·3	26·4	30·7	28·9	28·8
14	24·9	24·8	23·8	21·1	20·6	20·3	20·2	20·3	27·7	29·9	27·8	28·6
15	24·8	24·3	23·8	21·1	20·5	20·1	20·3	20·4	28·8	30·3	27·3	28·7
16	24·7	24·0	23·8	21·1	20·6	20·1	20·2	20·3	29·3	29·8	27·1	28·3
17	24·1	23·8	23·4	20·9	20·3	20·1	20·2	20·3	31·0	29·6	27·1	27·4
18	23·9	23·4	23·4	20·8	20·2	20·3	20·3	20·3	32·9	29·7	27·3	27·9
19	23·9	23·4	23·3	20·9	20·4	20·3	20·3	20·3	32·3	30·1	27·6	29·3
20	24·2	23·6	23·1	20·8	20·4	20·1	20·6	20·0	31·6	30·1	28·3	29·4
21	24·3	23·4	23·0	20·7	20·3	20·1	20·5	20·1	31·6	29·7	28·3	29·1
22	24·4	23·4	22·9	20·1	20·3	20·1	20·1	20·1	32·2	30·1	28·4	29·3
23	24·6	23·4	22·9	20·8	20·4	20·0	20·2	20·0	32·7	29·1	28·3	29·3
24	24·8	23·1	22·9	20·8	20·6	20·1	20·2	19·9	33·6	29·8	28·8	28·6
25	24·8	23·2	22·7	20·8	20·6	19·6	20·2	20·1	34·9	30·4	29·6	28·6
26	24·8	23·3	22·3	20·8	20·4	19·8	20·3	20·1	34·9	29·4	28·7	28·6
27	24·9	23·3	22·3	20·9	20·4	19·8	20·3	20·1	33·8	29·2	29·8	29·3
28	25·3	23·3	22·3	20·9	20·4	19·6	20·3	20·1	34·4	29·0	28·4	29·3
29	25·3	23·3	22·3	20·8	20·4	19·6	20·4	20·1	34·7	29·3	.....	29·4
30	24·9	23·3	21·9	20·7	20·3	19·6	20·3	20·6	34·7	29·3	.....	30·3
31	.....	23·3	.....	20·6	20·1	.....	20·3	.....	34·7	29·0	.....	30·6

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1911–12.

TABLE No. 720

1	30·3	24·4	24·3	21·9	19·9	19·0	18·4	18·3	18·9	20·6	34·3	29·8
2	29·5	24·6	24·3	21·8	19·9	18·9	18·4	18·2	19·5	22·7	33·6	29·9
3	29·8	25·5	24·1	21·7	19·8	18·8	18·3	17·9	19·3	23·7	33·4	30·4
4	30·0	25·8	23·9	21·6	19·7	18·8	18·0	17·9	19·2	24·7	32·8	29·8
5	30·3	25·8	23·9	21·6	19·7	18·8	18·4	18·1	19·2	26·2	32·7	29·9
6	30·3	25·8	23·8	21·4	19·6	18·9	18·5	18·1	19·6	28·6	32·6	30·0
7	30·6	25·8	23·6	21·3	19·6	19·1	18·5	18·3	19·6	31·6	33·0	30·0
8	31·4	25·8	23·6	21·1	19·4	19·0	18·4	18·5	19·5	32·3	33·9	29·9
9	32·8	25·6	23·5	20·8	19·5	18·8	18·3	18·7	19·3	36·5	32·8	30·6
10	32·8	25·8	23·3	20·8	19·6	18·8	18·5	18·8	19·2	38·4	32·6	30·5
11	32·8	25·8	23·5	20·8	19·8	18·8	18·5	18·6	19·4	38·5	31·8	30·4
12	35·8	25·8	23·3	20·8	19·6	19·1	18·4	18·3	19·4	38·6	31·7	30·5
13	36·1	25·8	23·3	20·8	19·5	19·0	18·6	18·4	19·8	37·5	31·4	30·6
14	37·4	25·6	23·3	20·7	19·6	18·8	18·4	18·6	20·3	37·6	32·1	30·3
15	37·4	25·4	23·4	20·6	19·8	18·6	18·0	18·6	20·5	37·6	32·8	30·5
16	34·8	25·1	23·4	20·4	20·0	18·8	18·1	18·8	20·8	36·8	32·6	30·6
17	35·2	25·1	23·3	20·4	19·9	18·8	18·4	18·8	20·8	37·6	32·3	30·3
18	38·8	24·8	23·1	20·5	19·8	18·9	18·3	18·6	20·6	37·1	32·7	30·5
19	38·3	25·6	23·1	20·4	19·8	18·8	18·4	18·4	20·6	36·9	32·4	30·7
20	38·3	24·4	23·1	20·3	19·5	18·7	18·4	18·8	20·1	36·3	32·4	29·9
21	37·1	24·0	23·0	20·3	19·4	18·7	18·4	19·0	19·9	36·2	31·3	29·5
22	33·9	23·9	22·8	20·3	19·4	18·7	18·3	18·9	19·9	35·9	31·1	30·6
23	30·7	23·9	22·8	20·1	19·6	18·8	18·3	18·8	19·9	35·8	30·1	31·0
24	28·3	23·8	22·4	20·1	19·5	18·9	18·4	18·8	20·3	35·9	29·4	30·8
25	26·4	23·8	22·3	20·1	19·5	19·1	18·4	18·9	20·3	35·8	30·3	30·7
26	25·4	24·1	22·1	20·3	19·6	19·1	18·5	18·8	20·3	35·7	30·4	30·8
27	24·1	24·2	22·1	20·3	19·5	18·8	18·4	18·8	20·4	35·3	30·1	30·7
28	23·8	24·2	22·1	20·3	19·3	18·8	18·3	18·9	19·9	34·4	30·0	30·7
29	23·9	24·4	22·1	20·3	19·4	18·7	18·3	18·8	19·9	33·9	29·8	30·7
30	24·3	24·5	22·1	19·9	19·4	18·7	18·2	18·8	19·8	33·8	.....	30·6
31	.....	24·4	.....	19·9	19·3	.....	17·9	.....	20·6	34·0	.....	30·7

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1912–13.

TABLE No. 721.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	30·8	26·6	29·1	23·8	21·4	20·8	21·0	21·9	21·6	23·4	36·3	34·8
2	30·8	26·2	29·2	23·3	21·3	20·8	21·0	21·8	21·6	22·9	27·6	34·8
3	30·8	25·9	28·9	23·1	21·3	20·8	21·0	21·6	21·9	22·6	37·6	34·3
4	30·6	25·6	28·6	22·9	21·3	20·8	20·9	21·3	22·3	22·3	37·5	34·1
5	31·1	25·4	28·3	22·8	21·1	20·8	20·9	21·4	22·4	22·3	37·1	34·1
6	31·3	25·0	27·8	22·9	21·1	20·8	20·5	21·5	22·5	22·9	36·5	33·9
7	32·6	24·9	27·6	22·6	21·1	20·8	20·4	22·1	22·8	23·4	36·8	33·7
8	34·4	24·8	27·1	22·5	21·1	20·8	20·6	24·3	23·0	25·2	36·8	33·2
9	34·6	24·8	26·9	22·3	21·0	20·8	20·4	24·2	22·8	25·6	37·6	33·9
10	35·1	24·8	26·6	22·2	21·0	20·8	20·6	24·3	22·6	27·1	37·6	33·9
11	36·1	24·7	26·3	22·2	21·1	21·1	20·7	24·3	22·7	28·6	37·5	34·0
12	36·2	24·6	26·2	22·2	21·2	20·9	20·7	24·3	22·7	29·6	37·1	33·9
13	36·8	24·6	26·0	22·1	21·4	20·9	20·4	24·2	22·3	30·3	36·5	33·9
14	36·8	24·6	25·8	22·0	21·5	20·9	20·5	24·0	22·3	30·5	36·8	33·9
15	36·4	24·9	25·6	22·0	21·8	20·8	20·7	24·4	22·3	31·1	36·8	34·8
16	38·6	25·5	25·6	22·2	21·0	21·0	20·5	24·2	22·3	32·2	36·2	35·9
17	40·1	26·0	25·5	22·2	21·6	20·8	20·3	23·7	22·0	32·6	36·2	35·8
18	40·7	26·1	25·6	22·0	21·3	20·7	20·2	23·4	21·8	32·4	36·3	35·8
19	41·8	26·5	25·4	21·9	21·2	20·7	20·1	23·1	21·7	32·3	36·1	36·0
20	42·4	26·3	25·2	21·8	20·8	21·3	20·3	22·8	21·7	32·8	35·8	36·0
21	41·7	26·3	25·2	21·8	20·8	21·3	20·3	22·6	21·6	33·5	36·4	36·8
22	36·8	26·4	25·0	21·7	20·8	20·9	20·3	22·5	21·8	33·6	36·2	37·6
23	33·7	26·2	24·7	21·7	20·8	20·8	20·3	22·5	22·3	33·8	35·8	37·9
24	32·0	26·3	24·5	21·6	20·8	20·9	20·9	23·2	23·1	34·4	35·0	38·4
25	30·9	25·8	24·4	21·6	20·8	21·0	21·9	23·4	24·1	34·6	34·8	39·5
26	29·8	26·8	24·4	21·6	20·8	21·0	22·2	23·0	24·5	34·5	35·0	39·7
27	28·9	26·8	24·2	21·5	21·1	21·1	22·0	22·6	24·1	34·4	35·3	39·6
28	28·3	26·8	23·9	21·5	20·9	21·0	22·1	22·4	24·0	35·2	34·8	40·0
29	27·7	27·2	23·8	21·5	21·1	21·0	22·1	22·2	23·8	35·2	.....	39·7
30	27·0	28·7	23·8	21·5	21·0	20·9	22·0	22·1	23·8	37·6	.....	38·6
31	.....	29·1	.....	21·5	20·9	.....	22·1	.....	23·9	36·3	.....	44·6

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1913–14.

TABLE No. 722.

1	46·0	26·6	24·7	22·1	21·4	20·8	20·4	21·4	21·6	22·4	34·5	30·1
2	44·0	26·7	24·7	22·1	21·4	20·9	20·4	21·6	21·7	23·8	34·5	30·1
3	42·3	26·9	24·6	22·1	21·3	20·9	20·3	21·4	21·7	25·1	34·3	30·2
4	41·1	26·9	24·6	22·1	21·6	21·2	19·8	21·4	21·6	26·3	34·3	30·1
5	42·1	27·0	24·2	22·1	21·5	21·0	20·7	21·4	21·6	26·7	34·5	30·0
6	37·2	27·0	24·0	21·9	21·4	20·8	20·6	21·1	21·7	28·0	33·4	30·0
7	38·9	27·2	24·1	21·9	21·4	20·6	20·5	21·1	21·4	28·5	32·9	29·9
8	36·7	27·2	24·0	22·1	21·3	20·5	20·3	20·8	21·8	29·3	32·8	29·5
9	34·9	27·1	23·9	22·0	21·3	20·7	20·1	20·9	21·6	29·4	32·4	29·2
10	33·3	27·0	23·6	22·0	21·1	20·5	20·1	20·6	21·3	30·1	31·9	28·7
11	31·8	26·8	23·4	22·0	21·1	20·5	20·0	21·0	21·7	31·3	31·8	29·1
12	30·1	26·6	23·7	21·8	20·9	20·4	20·0	21·3	21·4	33·0	31·6	28·9
13	28·3	26·3	23·4	21·8	20·8	20·4	20·1	21·1	21·3	36·3	30·9	29·5
14	27·8	26·3	23·5	21·8	20·9	20·3	20·3	21·1	21·1	37·4	30·8	29·5
15	27·2	26·0	23·3	21·8	20·9	20·3	20·3	21·3	21·1	38·7	30·6	29·7
16	26·8	25·8	23·3	21·8	20·8	20·3	20·5	21·3	21·0	38·6	30·1	29·7
17	26·6	25·6	23·3	21·8	20·8	20·3	20·4	21·1	20·9	38·2	30·9	29·8
18	26·3	25·3	23·3	21·8	20·9	20·6	20·4	21·2	21·3	37·9	31·5	30·1
19	26·4	25·2	23·1	21·8	21·1	20·6	20·8	21·3	21·2	37·3	32·1	30·4
20	26·5	25·3	23·1	21·8	20·8	20·4	20·8	21·5	20·7	37·3	31·7	30·3
21	26·3	25·1	23·0	21·8	20·7	20·3	20·3	21·6	20·8	36·8	30·9	30·4
22	26·2	24·9	22·9	21·8	20·5	20·4	20·6	21·6	20·8	36·3	30·6	30·0
23	26·2	25·0	22·8	21·7	20·7	20·4	20·5	21·6	20·8	35·8	29·8	30·3
24	26·2	25·0	22·8	21·7	20·7	20·4	20·5	21·6	21·0	36·3	29·9	30·1
25	26·1	24·8	22·8	21·7	20·8	20·3	20·9	21·8	20·8	37·4	29·8	30·1
26	26·1	24·6	22·7	21·7	20·8	20·3	21·8	21·8	21·3	35·6	29·9	30·1
27	26·1	24·6	22·6	21·5	20·8	20·3	21·4	21·9	21·0	34·8	30·5	30·8
28	26·4	24·4	22·6	21·4	20·8	20·1	21·6	21·9	20·8	35·2	30·0	31·9
29	26·7	24·8	22·4	21·5	20·8	20·2	21·6	21·7	21·3	35·8	.....	32·3
30	26·6	24·8	22·2	21·5	20·8	20·5	22·0	21·5	21·8	36·3	.....	33·7
31	.....	24·9	.....	21·5	20·8	.....	21·9	.....	22·0	35·0	.....	33·8

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1914–15.

TABLE No. 723.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	33·4	24·1	22·1	21·8	20·3	19·8	19·2	18·6	18·8	31·9	28·3	28·5
2	33·0	24·1	22·1	21·8	20·3	19·9	19·1	18·8	18·8	31·3	27·8	28·6
3	34·5	24·1	21·9	21·8	20·3	19·9	19·1	18·9	18·9	31·5	27·4	28·8
4	34·4	23·9	21·9	21·6	20·2	19·9	18·9	18·9	18·9	30·7	27·2	28·1
5	35·5	24·1	21·9	21·6	20·3	19·8	18·9	18·9	19·3	30·7	27·2	28·4
6	36·0	24·2	21·8	21·5	20·3	19·9	19·3	19·1	19·1	30·7	27·3	28·4
7	35·2	24·2	21·7	21·5	20·2	20·0	19·1	19·1	18·9	31·8	28·3	28·0
8	34·9	24·2	21·8	21·4	20·1	20·3	18·9	18·9	18·9	32·0	27·4	27·8
9	34·7	24·4	21·9	21·5	20·1	20·2	19·0	18·9	18·8	30·4	26·9	27·8
10	33·9	24·4	21·6	21·5	20·1	19·9	19·0	18·9	19·2	30·4	26·7	27·7
11	33·4	24·6	21·6	21·3	20·1	19·9	18·8	18·8	19·4	30·2	27·3	27·7
12	33·3	24·3	21·6	21·3	20·1	19·8	18·8	18·6	19·5	29·8	27·4	27·5
13	33·1	24·3	21·7	21·2	19·9	19·6	19·2	18·7	20·1	30·3	27·6	27·7
14	32·5	24·2	21·7	21·1	19·8	19·5	19·1	18·6	20·1	31·1	27·4	28·0
15	31·9	24·1	21·5	20·9	19·8	19·4	18·8	18·7	20·3	29·1	27·5	27·9
16	31·4	23·7	21·6	20·8	19·8	19·4	18·8	18·9	20·1	30·0	28·1	27·8
17	31·5	23·8	21·4	20·7	19·8	19·4	18·9	19·1	23·1	30·1	28·1	27·7
18	31·4	23·5	21·3	20·7	19·8	19·4	19·0	19·4	24·6	30·0	28·0	27·6
19	31·3	23·3	21·1	20·6	19·8	19·4	19·0	19·3	25·9	30·1	28·2	27·4
20	30·7	23·2	21·3	20·6	19·8	19·3	19·6	20·3	27·3	30·0	28·1	27·4
21	30·4	23·1	21·2	20·6	19·8	19·3	19·3	20·1	28·4	29·6	27·8	27·4
22	29·3	22·9	21·2	20·7	19·8	19·4	19·4	19·6	29·1	28·9	27·8	27·4
23	27·8	22·8	21·3	20·7	19·9	19·4	19·3	19·1	31·7	28·5	27·8	27·6
24	26·3	22·7	21·3	20·6	19·9	19·6	19·1	18·8	32·9	28·6	27·8	27·6
25	24·6	22·4	21·4	20·6	20·1	19·6	18·8	18·7	30·5	28·5	28·4	27·8
26	24·0	22·3	21·4	20·7	19·9	19·4	18·8	18·7	30·3	28·4	28·9	28·3
27	23·8	22·3	21·4	20·8	19·8	19·3	18·8	19·0	33·8	28·4	29·0	28·3
28	23·9	22·3	21·6	20·8	19·8	19·3	18·6	18·9	32·7	28·4	28·7	29·0
29	24·1	22·2	21·6	20·8	19·8	19·3	18·6	18·8	33·0	28·5	.....	28·8
30	24·1	22·1	21·9	20·6	19·8	19·3	18·7	18·8	33·4	28·1	.....	28·3
31	.....	22·1	.....	20·3	19·8	.....	18·8	.....	32·4	27·9	.....	28·1

ELEVATIONS above M.S.L. of St. Lawrence River at Pointe aux Trembles, for 1912–13.

TABLE No. 724.

1	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·40	20·60	.....	27·10
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·40	20·50	.....	27·00
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·60	20·90	.....	27·10
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·65	20·90	.....	26·70
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·50	21·30	27·70	26·80
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·70	22·00	28·00	26·60
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·50	22·60	27·00	26·60
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·40	23·90	27·90	26·80
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·20	24·70	27·80	26·70
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·50	26·90	27·60	27·00
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·40	27·70	27·00	26·90
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·10	.....	27·00	26·80
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·20	.....	27·10	27·17
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·50	.....	27·30	27·20
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	20·10	.....	27·20	27·35
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	19·80	.....	27·10	27·90
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	19·70	.....	27·30	27·80
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	19·80	.....	27·10	27·90
19	.....	.....	.....	.....	.....	.....	.....	20·80	20·00	.....	27·00	27·90
20	.....	.....	.....	.....	.....	.....	.....	20·85	19·80	.....	27·40	28·00
21	.....	.....	.....	.....	.....	.....	.....	20·80	19·60	.....	27·70	.....
22	.....	.....	.....	.....	.....	.....	.....	20·90	19·60	.....	27·80	.....
23	.....	.....	.....	.....	.....	.....	.....	20·60	20·90	.....	27·60	.....
24	.....	.....	.....	.....	.....	.....	.....	20·70	22·75	.....	27·60	.....
25	.....	.....	.....	.....	.....	.....	.....	20·90	22·70	.....	27·50	.....
26	.....	.....	.....	.....	.....	.....	.....	20·80	23·00	.....	27·30	.....
27	.....	.....	.....	.....	.....	.....	.....	20·80	22·80	.....	27·35	.....
28	.....	.....	.....	.....	.....	.....	.....	20·85	22·40	.....	27·20	.....
29	.....	.....	.....	.....	.....	.....	.....	20·60	22·50	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	20·40	22·40	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	22·30	.....	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Pointe aux Trembles, for 1913–14.

TABLE No. 725.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	24·70	22·70	20·00	19·60	18·70	18·50	19·80	19·80	20·90	25·70	.....
2	.....	24·90	22·70	20·00	19·60	18·60	19·00	19·70	19·70	20·80	25·40	.....
3	.....	24·90	22·80	19·90	19·50	18·70	18·50	19·50	19·80	23·00	25·10	.....
4	.....	.....	22·60	19·80	19·40	18·80	18·40	19·60	19·70	23·50	25·20	.....
5	.....	.....	22·50	20·00	19·60	18·70	18·50	19·40	19·80	24·00	25·40	.....
6	.....	.....	22·00	19·70	19·50	18·70	18·30	19·70	19·70	26·00	24·80	.....
7	.....	.....	22·10	19·80	19·30	18·70	18·40	19·80	19·60	25·30	25·10	.....
8	.....	.....	.....	19·90	19·30	18·70	18·40	19·90	19·70	24·60	25·20	.....
9	.....	.....	.....	19·90	19·20	18·60	18·30	20·10	19·50	24·80	25·40	.....
10	.....	.....	.....	19·70	19·10	18·50	18·30	20·00	19·50	24·80	24·80	.....
11	.....	24·80	.....	19·70	19·00	18·60	18·20	19·70	19·40	24·80	24·20	.....
12	.....	24·60	.....	19·80	18·90	18·60	18·10	19·80	19·40	24·70	23·50	.....
13	27·50	24·50	.....	19·70	18·80	18·50	18·00	19·70	19·30	24·70	23·00	.....
14	26·80	24·30	.....	19·60	18·70	18·40	18·00	19·40	19·30	24·70	23·20	.....
15	26·00	24·10	20·00	19·70	18·70	18·30	18·10	19·40	19·40	24·90	23·20	.....
16	25·90	24·10	20·20	19·50	18·70	18·20	18·30	19·30	19·20	25·00	23·40	.....
17	25·70	24·00	20·10	19·40	18·80	18·40	18·30	19·30	19·20	25·00	23·40	.....
18	25·60	23·90	20·30	19·50	18·80	18·30	18·00	19·20	19·10	25·00	23·50	.....
19	25·40	24·20	20·10	19·70	18·70	18·30	18·40	19·40	19·30	24·80	23·50	.....
20	25·10	23·80	19·90	19·80	18·80	18·40	19·00	19·30	19·50	24·90	23·50	.....
21	24·60	23·60	19·90	19·80	18·70	18·40	18·00	19·50	19·40	25·00	23·50	.....
22	24·10	23·40	19·80	19·60	18·60	18·30	18·50	19·60	19·60	24·90	23·50	.....
23	24·20	23·20	19·90	19·70	18·60	18·30	18·60	19·80	19·70	24·90	23·40	.....
24	24·00	23·30	20·00	19·60	18·60	18·40	18·60	19·70	20·00	25·10	23·40	.....
25	24·30	23·10	20·10	19·80	18·60	18·30	19·60	19·70	20·40	25·30	23·60	.....
26	24·30	23·10	20·20	19·60	18·60	18·30	20·00	19·80	20·50	25·50	23·50	.....
27	24·50	22·80	19·90	19·40	18·60	18·20	20·10	19·60	20·70	25·40	23·60	.....
28	24·50	23·00	19·90	19·40	18·70	18·00	20·00	19·70	20·80	25·50	23·60	.....
29	24·60	22·90	19·80	19·10	18·70	18·10	19·80	19·80	20·70	25·50	.....	.....
30	24·80	23·10	20·00	19·30	18·70	18·20	19·80	19·80	20·80	26·10	.....	.....
31	.....	22·80	.....	19·50	18·70	.....	19·70	.....	20·80	26·00	.....	.....

Elevations above M.S.L. of St. Lawrence River at Pointe aux Trembles, for 1914–15.

TABLE No. 726.

1	.....	23·36	19·87	19·57	18·27	17·57	17·17	16·97	16·87	.....	23·23	24·17
2	.....	21·94	19·77	19·57	18·27	17·65	17·07	16·97	16·77	.....	22·97	24·04
3	.....	22·11	19·67	19·57	18·17	17·67	16·97	16·97	17·07	.....	22·67	24·19
4	.....	22·07	19·77	19·42	18·07	17·67	16·97	17·07	17·42	.....	22·42	23·81
5	.....	22·11	19·77	19·27	17·97	17·77	16·87	17·17	17·52	.....	22·57	23·67
6	.....	22·11	19·72	19·17	17·97	17·87	16·87	17·27	17·57	.....	22·57	23·82
7	.....	22·11	19·67	19·17	17·97	17·97	16·87	17·22	17·87	.....	22·97	23·47
8	.....	22·23	19·67	19·17	17·87	18·07	16·97	17·07	17·87	.....	23·40	23·22
9	.....	22·78	19·77	19·47	17·87	18·07	16·97	16·87	17·97	.....	22·97	23·17
10	.....	22·78	19·67	19·27	17·87	17·97	16·97	16·92	18·17	.....	22·37	23·11
11	.....	22·82	19·67	19·17	17·77	17·87	16·97	16·87	18·27	.....	22·27	23·00
12	.....	23·03	19·67	19·07	17·77	17·67	16·97	16·67	18·27	.....	22·28	22·87
13	.....	22·73	19·57	19·07	17·67	17·57	17·07	16·82	18·67	24·77	22·92	22·65
14	.....	22·36	19·47	18·97	17·67	17·47	17·07	16·62	19·07	24·24	22·77	22·67
15	.....	22·19	19·47	18·87	17·67	17·37	16·97	16·87	19·47	24·27	22·67	22·70
16	.....	21·90	19·47	18·67	17·77	17·27	16·97	17·07	20·27	24·72	23·15	22·77
17	.....	21·86	19·17	18·47	17·87	17·27	17·07	17·17	22·07	24·77	23·19	22·74
18	.....	21·61	18·97	18·47	17·77	17·27	17·37	17·47	23·57	24·77	22·94	22·67
19	.....	21·44	18·77	18·42	17·67	17·37	17·67	17·60	.....	24·90	22·97	22·47
20	.....	20·97	18·77	18·42	17·67	17·37	17·67	17·67	.....	24·87	23·12	22·42
21	.....	20·87	18·77	18·37	17·77	17·37	17·47	17·87	.....	24·53	22·97	22·47
22	.....	20·75	18·87	18·37	17·67	17·37	17·57	17·57	.....	23·90	22·92	22·53
23	.....	20·67	18·97	18·47	17·92	17·42	17·47	17·17	.....	23·50	22·92	22·62
24	.....	20·57	18·97	18·47	17·87	17·47	17·27	16·97	.....	23·37	22·92	22·72
25	.....	20·47	19·17	18·47	17·97	17·37	17·17	16·87	.....	23·37	23·50	23·05
26	.....	20·37	19·47	18·47	17·87	17·47	16·97	16·97	.....	23·27	24·12	23·42
27	.....	20·37	19·57	18·47	17·82	17·37	17·07	16·97	.....	23·39	24·42	23·32
28	.....	20·27	19·57	18·57	17·77	17·37	16·87	17·07	.....	23·36	24·30	23·37
29	.....	20·27	19·57	18·67	17·67	17·27	16·87	16·97	.....	23·47	.....	23·37
30	.....	20·02	19·57	18·57	17·67	17·27	16·87	16·87	.....	23·12	.....	23·42
31	.....	19·97	.....	18·37	17·57	.....	16·97	.....	.....	23·17	.....	23·39

Elevations above M.S.L. of St. Lawrence River at Lanoraie, for 1911–12.

TABLE No. 727.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	.....	.....	.....	20·34	19·34	18·74	18·34	19 14	22·24	26·04	24·94
2	.....	.....	.....	.....	20·34	19·14	18·94	18·24	19·94	23·94	25·94	25·24
3	.....	.....	.....	.....	19·84	19·04	19·14	18·14	19·84	25·84	25·74	25·34
4	.....	.....	.....	.....	19·74	18·94	19·04	17·94	19·74	26·64	25·64	25·39
5	.....	.....	.....	.....	19·64	18·84	18·84	18·09	20·24	26·94	25·54	25·44
6	.....	.....	.....	.....	19·64	18·89	18·84	18·34	20·74	27·14	25·54	25·54
7	.....	.....	.....	.....	19·59	18·94	18·89	18·74	20·64	26·94	25·44	25·54
8	.....	.....	.....	.....	19·54	19·24	18·84	18·74	20·34	26·44	24·94	25·44
9	.....	.....	.....	.....	19·64	19·19	18·79	19·24	20·24	26·84	26·14	25·64
10	.....	.....	.....	.....	19·69	19·24	19·04	19·44	20·04	27·05	25·84	25·59
11	.....	.....	.....	.....	19·74	19·34	19·09	19·34	19·94	26·34	25·54	25·34
12	.....	.....	.....	.....	19·94	19·44	19·14	18·94	20·04	26·24	25·14	25·44
13	.....	.....	.....	.....	19·84	19·54	19·24	18·74	20·44	26·14	25·14	25·54
14	.....	.....	.....	.....	19·94	19·44	19·04	18·64	20·94	26·04	25·39	25·54
15	.....	.....	.....	.....	20·14	19·49	18·79	18·84	21·24	26·14	25·74	25·54
16	.....	.....	.....	.....	20·44	19·34	18·54	19·04	21·74	26·24	26·04	25·64
17	.....	.....	.....	.....	20·64	19·39	18·84	18·84	21·87	26·54	26·04	25·54
18	.....	.....	.....	.....	20·74	19·44	18·74	19·14	21·34	26·54	26·24	25·54
19	.....	.....	.....	.....	20·64	19·39	18·74	18·64	21·14	26·44	26·24	25·64
20	.....	.....	.....	20·64	20·24	19·24	18·84	18·84	20·74	26·54	26·34	25·74
21	.....	.....	.....	20·34	19·74	19·29	18·94	19·04	20·24	26·24	26·14	25·64
22	.....	.....	.....	20·54	19·64	19·24	18·99	19·19	20·34	26·34	25·84	25·34
23	.....	.....	.....	20·44	19·74	19·29	18·94	19·24	20·54	26·24	25·54	25·59
24	.....	.....	.....	20·64	19·84	19·14	18·74	19·19	20·74	26·54	25·04	25·89
25	.....	.....	.....	20·24	19·74	19·54	18·84	19·29	20·84	26·64	25·49	25·94
26	.....	.....	.....	20·34	19·94	19·74	18·89	19·34	20·74	26·74	25·19	25·94
27	.....	.....	.....	20·44	20·04	19·64	18·74	19·24	21·14	26·74	25·14	25·94
28	.....	.....	.....	20·54	19·94	19·29	18·64	19·34	20·54	26·44	25·04	25·94
29	.....	.....	.....	20·64	19·84	19·24	18·14	19·14	20·04	26·04	24·94	25·94
30	.....	.....	.....	20·24	19·74	18·94	18·04	19·09	20·24	25·74	.....	25·94
31	.....	.....	.....	20·24	19·54	.....	18·14	.....	20·74	25·84	.....	25·94

Elevations above M.S.L. of St. Lawrence River at Lanoraie, for 1912–13.

TABLE No. 728.

1	19·77	21·37	23·42	17·32	15·27	15·07	15·37	16·52	15·97	19·07	24·12	23·47
2	19·77	21·07	23·57	17·02	15·32	15·02	15·37	16·32	15·87	18·42	23·67	23·37
3	20·17	20·67	23·32	16·82	15·37	14·97	15·22	16·07	15·82	17·72	22·47	23·22
4	20·22	20·27	22·97	16·62	15·27	14·82	15·02	15·77	16·07	17·42	23·47	23·07
5	20·37	19·97	22·47	16·52	15·02	14·72	14·82	15·87	16·22	18·07	23·47	23·02
6	20·47	19·67	21·97	16·62	14·92	14·57	14·62	15·97	16·32	18·47	23·37	22·97
7	20·87	19·27	21·57	16·32	14·87	14·57	14·47	16·67	16·72	19·02	23·22	22·87
8	22·07	18·97	21·07	16·17	14·87	14·67	14·37	18·37	17·02	20·12	23·07	22·67
9	23·42	18·92	20·82	16·02	14·92	14·67	14·37	18·92	17·32	21·57	22·72	22·72
10	.....	18·87	20·42	15·82	15·02	14·72	14·42	19·17	17·12	21·42	22·47	22·67
11	.....	18·77	20·27	15·82	15·22	14·92	14·92	19·02	16·77	22·42	22·37	22·77
12	.....	18·77	20·02	16·02	15·42	15·12	15·17	18·77	16·47	.....	22·37	22·87
13	.....	18·87	19·97	15·92	15·57	15·32	15·17	18·42	16·27	23·67	22·37	22·97
14	.....	18·67	19·87	15·92	15·87	15·32	15·07	18·57	16·37	23·97	22·37	23·07
15	.....	19·07	19·87	16·07	16·07	15·27	14·97	19·27	16·32	24·12	22·17	23·42
16	.....	19·47	19·77	16·27	16·12	15·27	14·87	18·72	16·12	24·37	22·12	24·12
17	.....	19·97	19·62	16·27	15·97	15·22	14·37	18·22	16·02	24·47	22·17	24·52
18	.....	20·37	19·67	16·17	15·57	14·87	14·17	17·77	16·02	24·67	22·92	24·82
19	.....	20·57	19·67	16·27	15·32	14·52	14·17	17·22	16·02	24·82	23·42	25·22
20	.....	20·77	19·57	16·27	15·22	14·92	14·17	16·87	15·92	25·07	23·57	25·32
21	.....	20·57	19·27	16·17	15·02	15·37	14·27	16·62	15·77	25·17	23·72	25·82
22	.....	20·47	18·97	15·87	14·77	15·22	14·37	16·52	15·97	25·37	23·87	26·67
23	.....	20·47	18·52	15·52	14·62	15·12	14·32	16·52	16·72	25·42	23·87	27·42
24	.....	20·37	18·27	15·67	14·57	15·02	15·12	16·97	18·17	25·57	23·92	28·22
25	.....	20·87	18·17	15·47	14·67	15·02	16·37	17·92	19·72	25·92	23·62	28·92
26	.....	21·07	18·12	15·37	14·67	15·12	16·92	17·92	20·32	25·97	23·47	29·07
27	.....	20·87	17·82	15·32	14·97	15·17	16·67	16·72	20·17	25·92	23·57	28·77
28	.....	20·87	17·57	15·27	14·97	15·12	16·62	16·47	20·07	25·17	23·47	28·77
29	.....	21·07	17·57	15·17	15·07	15·27	16·57	16·22	20·22	24·42	.....	28·42
30	.....	22·97	17·52	15·17	15·07	15·17	16·52	16·37	20·27	24·07	.....	27·97
31	.....	23·17	.....	15·22	15·07	.....	16·47	.....	19·77	24·22	.....	27·42

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lanoraie, for 1913–14.

TABLE No. 729.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	27·92	21·37	18·57	16·02	14·67	14·47	14·12	15·17	15·37	16·57	18·47	16·97
2	27·87	21·37	18·57	15·92	14·72	14·62	14·22	14·97	15·37	16·57	18·47	17·07
3	27·37	21·37	18·47	15·72	14·82	14·72	14·57	14·72	15·17	16·67	18·52	17·32
4	26·87	21·32	18·47	15·62	15·12	14·92	14·97	14·62	15·07	16·77	18·57	17·77
5	26·57	21·37	18·37	15·67	15·27	14·97	14·82	15·12	15·02	16·77	18·52	18·17
6	27·17	21·37	18·22	15·72	15·22	14·87	14·52	15·37	14·97	16·87	18·47	18·37
7	27·32	21·42	18·17	15·77	15·17	14·67	14·42	15·62	14·87	17·07	18·32	18·37
8	26·67	21·47	18·02	15·77	15·07	14·42	14·02	15·97	14·82	17·07	18·17	18·17
9	26·27	21·37	17·82	15·77	14·82	14·22	13·57	15·07	14·72	17·47	18·02	18·07
10	25·77	21·27	17·52	15·72	14·62	14·07	13·37	14·77	14·62	17·47	17·87	18·02
11	25·07	21·07	17·47	15·67	14·47	14·07	13·37	14·67	14·47	17·17	17·72	17·97
12	23·77	20·87	17·37	15·52	14·47	13·97	13·47	14·92	14·47	16·87	17·52	18·02
13	22·92	20·47	17·27	15·42	14·47	13·97	13·57	15·27	14·32	16·47	17·32	18·07
14	22·02	20·32	17·27	15·32	14·47	13·97	13·67	14·87	14·27	16·87	17·27	18·17
15	21·77	19·97	17·22	15·47	14·42	13·87	13·92	14·47	14·37	17·22	17·17	18·17
16	21·42	19·62	17·12	15·47	14·47	13·82	14·17	14·47	14·42	17·37	17·17	18·37
17	20·97	19·52	17·07	15·57	14·47	13·77	14·37	14·57	14·47	17·77	17·07	18·47
18	20·72	19·37	16·97	15·52	14·62	13·77	14·47	14·57	14·57	17·82	16·97	18·62
19	20·57	19·27	16·92	15·67	14·72	13·92	14·52	14·57	14·57	17·77	16·92	18·72
20	20·57	19·17	16·87	15·67	14·62	13·97	14·62	14·62	14·47	17·77	16·87	18·57
21	20·47	19·07	16·77	15·67	14·47	14·07	14·47	14·67	14·52	17·87	16·82	18·57
22	20·47	19·12	16·67	15·57	14·37	14·17	14·32	14·87	14·67	18·02	16·77	18·67
23	20·47	19·12	16·62	15·47	14·27	14·07	13·77	14·97	14·72	18·27	16·47	18·77
24	20·47	19·02	16·47	15·37	14·22	14·07	13·47	15·07	14·97	18·27	16·42	18·77
25	20·47	18·72	16·37	15·37	14·27	13·97	13·87	15·07	15·12	18·37	16·32	18·82
26	20·57	18·52	16·37	15·17	14·17	13·92	14·77	15·32	15·27	18·22	16·52	19·22
27	20·62	18·47	16·37	14·97	14·17	13·87	15·07	15·77	15·32	18·17	16·67	19·52
28	20·82	18·37	16·22	14·92	14·27	13·97	15·32	15·92	15·47	18·22	16·77	19·77
29	21·12	18·47	16·17	14·77	14·37	14·02	15·47	15·52	15·97	18·42	.....	19·87
30	21·37	18·62	16·17	14·77	14·37	14·02	15·57	15·47	16·32	18·57	.....	.....
31	.....	18·67	.....	14·67	14·42	.....	15·32	.....	16·52	18·52	.....	.....

Elevations above M.S.L. of St. Lawrence River at Lanoraie, for 1914–15.

TABLE No. 730.

1	.....	.....	15·85	15·82	13·94	13·64	13·24	13·24	13·09	17·44	15·94	19·04
2	.....	.....	15·78	15·75	13·94	13·54	13·14	13·39	13·49	17·19	15·94	18·84
3	.....	18·17	15·75	15·60	13·94	13·59	13·34	13·54	13·84	16·94	15·84	18·84
4	.....	18·32	15·78	15·60	13·84	13·69	13·34	13·64	14·04	16·79	16·04	18·74
5	.....	18·52	15·75	15·28	14·04	13·99	13·34	13·79	14·09	16·54	16·14	18·44
6	.....	18·62	15·82	15·30	13·94	14·04	13·44	14·04	14·14	16·64	16·34	18·29
7	.....	18·67	15·65	15·34	13·94	14·19	13·44	13·89	14·14	17·49	16·49	18·09
8	.....	18·87	15·93	15·34	13·94	14·39	13·44	13·59	14·19	17·54	16·54	17·94
9	.....	19·02	16·23	15·44	13·84	14·19	13·54	13·44	14·54	17·54	16·44	17·79
10	.....	19·07	15·93	15·44	13·94	14·04	13·39	13·44	14·94	17·44	16·39	17·64
11	.....	19·17	15·78	15·34	13·84	13·64	13·34	13·34	15·44	17·34	16·34	17·49
12	.....	19·27	15·78	15·29	13·69	13·39	13·19	13·19	15·69	17·34	16·34	17·39
13	.....	19·17	15·70	15·19	13·64	13·19	13·09	13·19	15·79	17·24	16·44	17·24
14	.....	18·97	15·52	15·14	13·54	13·09	13·24	13·24	16·24	17·04	16·44	17·24
15	.....	18·57	15·30	14·99	13·54	12·94	13·34	13·29	16·79	16·84	16·49	17·24
16	.....	18·42	15·28	14·74	13·44	12·94	13·54	13·49	17·34	16·94	16·64	17·14
17	.....	18·12	15·19	14·39	13·29	12·94	13·54	13·84	17·54	16·94	16·89	17·14
18	.....	17·67	14·80	14·29	13·29	13·24	13·64	14·14	17·59	16·89	17·04	17·14
19	.....	17·32	14·60	14·24	13·34	13·64	14·49	14·24	17·74	16·84	17·04	17·04
20	.....	17·17	14·55	14·14	13·54	13·54	14·54	14·89	17·94	16·69	17·04	16·94
21	.....	17·17	14·55	14·04	13·64	13·39	14·34	14·94	18·24	16·64	17·14	16·84
22	.....	17·02	14·62	14·04	13·89	13·39	14·29	14·04	18·39	16·54	17·14	16·84
23	.....	16·97	15·14	14·14	14·04	13·59	14·19	13·74	17·99	16·39	17·14	16·79
24	.....	16·77	15·12	14·49	14·14	13·69	13·84	13·39	17·59	16·34	16·99	16·84
25	.....	16·62	15·30	14·69	14·14	13·64	13·49	13·14	17·44	16·24	17·09	17·24
26	.....	16·42	15·40	14·89	14·04	13·59	13·29	13·04	17·24	16·14	17·49	17·54
27	.....	16·27	15·40	14·69	14·04	13·54	13·29	13·09	16·84	16·09	18·49	17·54
28	.....	16·27	15·75	14·54	13·94	13·54	13·19	13·24	16·74	16·04	18·94	17·54
29	.....	16·27	15·75	14·39	13·89	13·34	13·04	13·14	16·89	15·99	.....	17·64
30	.....	16·22	16·10	14·14	13·84	13·29	13·14	13·09	17·29	15·94	.....	17·59
31	.....	16·05	.....	14·04	13·69	.....	13·14	.....	17·74	15·94	.....	17·44

Elevations above M.S.L. of St. Lawrence River at Sorel, for 1912–13.

TABLE No. 731.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	18·33	21·28	22·87	16·83	15·00	14·66	14·66	15·70	15·33	18·45	20·45	20·83
2	18·58	20·75	22·91	16·58	14·87	14·58	14·75	15·58	15·16	17·79	19·75	20·66
3	18·66	20·28	22·70	16·37	14·91	14·45	14·75	15·50	15·41	17·12	19·29	20·50
4	18·83	19·88	22·39	16·29	14·75	14·29	14·50	15·20	15·54	16·75	19·33	20·20
5	18·91	19·58	21·95	16·08	14·54	14·16	14·33	14·87	15·70	16·83	19·33	20·08
6	19·03	19·28	21·54	16·25	14·45	14·08	14·16	14·83	15·91	16·95	19·33	20·08
7	19·58	18·95	21·41	16·00	14·37	14·08	13·91	15·83	16·20	17·95	19·20	20·00
8	20·28	18·66	20·70	15·66	14·33	14·08	13·91	17·25	16·33	19·45	18·95	19·83
9	21·58	18·45	20·29	15·58	14·37	14·20	13·91	18·37	16·50	18·83	18·79	19·83
10	22·66	18·38	19·95	15·45	14·33	14·41	14·04	18·41	16·25	18·41	18·62	19·91
11	23·38	18·28	19·70	15·33	14·58	14·62	14·45	18·33	15·95	18·83	18·50	20·08
12	23·91	18·28	19·45	15·54	15·04	14·70	14·70	18·25	15·95	18·70	18·66	20·08
13	24·41	18·28	19·45	15·58	15·29	14·87	14·50	18·20	15·79	19·62	18·83	20·08
14	24·83	18·28	19·37	15·58	15·44	15·00	14·33	18·91	15·79	19·37	19·20	20·16
15	25·20	18·70	19·37	15·66	15·79	14·95	14·12	18·79	15·66	19·33	19·66	20·66
16	25·62	19·16	19·33	15·91	15·75	14·83	14·12	18·08	15·54	19·66	20·00	21·33
17	26·29	19·70	19·25	15·87	15·58	14·50	13·58	17·45	15·37	20·12	20·33	22·54
18	27·04	20·08	19·33	15·83	15·25	14·33	13·50	17·04	15·25	20·37	20·54	22·75
19	27·50	20·16	19·04	15·70	15·04	14·16	13·33	16·75	15·50	20·54	20·70	22·83
20	27·78	20·33	18·83	15·58	14·83	15·08	13·33	16·29	15·33	20·75	20·83	23·00
21	27·54	20·08	18·75	15·45	14·50	15·04	13·37	16·08	15·12	21·16	20·87	23·37
22	28·37	20·13	18·50	15·25	14·29	14·83	13·45	16·00	15·45	21·41	21·16	24·20
23	29·00	20·03	18·16	15·08	14·20	14·58	13·54	16·04	16·87	21·54	21·25	24·50
24	27·63	20·00	17·83	15·08	14·08	14·58	14·54	17·58	17·79	21·75	21·33	24·83
25	26·83	20·33	17·58	14·91	14·12	14·66	16·37	18·20	18·20	21·75	21·08	25·25
26	26·08	20·41	17·54	14·87	14·29	14·70	16·50	17·41	18·25	21·62	20·91	25·62
27	25·03	20·45	17·33	14·75	14·41	14·62	16·41	16·50	18·75	21·54	20·83	25·83
28	24·53	20·33	17·08	14·75	14·50	14·58	16·33	16·16	18·83	21·16	20·83	26·50
29	22·78	20·75	17·04	14·87	14·58	14·58	16·29	16·04	18·70	20·58	.....	25·91
30	21·95	22·16	16·91	14·91	14·58	14·58	16·04	15·37	18·58	20·37	.....	25·45
31	.....	22·66	.....	15·00	14·66	.....	16·00	.....	18·83	20·33	.....	24·87

Elevations above M.S.L. of St. Lawrence River at Sorel, for 1913–14.

TABLE No. 732.

1	25·12	20·58	17·91	14·58	14·25	13·83	13·95	15·00	15·20	15·79	17·83	16·66
2	24·95	20·50	17·79	14·91	14·12	14·12	14·45	15·00	15·12	15·49	17·75	16·91
3	24·54	20·54	17·58	14·95	14·33	14·12	14·79	14·87	15·04	15·33	17·62	17·29
4	24·20	20·50	17·75	15·00	14·70	14·37	14·70	14·50	14·95	15·37	17·58	17·33
5	24·25	20·50	17·58	14·91	14·79	14·25	14·62	14·45	14·91	15·58	17·75	17·29
6	24·33	20·46	17·41	15·04	14·54	14·08	14·16	14·04	14·83	15·62	17·58	17·04
7	24·37	20·58	17·41	15·08	14·54	13·66	13·87	13·95	14·75	15·70	17·33	17·00
8	24·04	20·54	17·33	15·12	14·41	13·58	13·50	13·95	14·95	16·00	17·33	17·00
9	23·58	20·54	17·08	15·16	14·25	13·41	13·29	14·04	14·70	16·08	17·04	16·75
10	23·16	20·33	16·75	15·16	14·12	13·25	13·25	14·20	14·41	16·29	16·79	16·45
11	22·75	20·04	16·37	15·08	14·04	13·25	13·25	14·20	14·50	16·29	16·58	16·29
12	22·58	19·83	16·50	15·16	13·83	13·25	13·20	14·25	14·58	15·99	16·58	16·37
13	22·08	19·33	16·37	14·91	13·75	13·25	13·29	14·37	14·41	15·62	16·37	16·45
14	21·16	19·29	16·33	14·62	13·79	13·25	13·54	14·58	14·16	15·79	16·20	16·62
15	20·58	18·95	16·20	14·70	13·75	13·33	13·91	14·58	14·20	15·91	16·33	16·83
16	20·29	18·75	16·12	14·83	13·75	13·28	14·16	14·58	14·33	16·33	16·29	16·87
17	19·95	18·62	16·20	14·87	13·62	13·33	14·12	14·50	14·41	16·75	16·25	16·91
18	19·83	18·46	16·20	14·91	14·00	13·50	14·25	14·41	14·16	16·91	16·45	17·00
19	19·75	18·29	16·08	15·08	14·00	13·70	14·25	14·58	14·49	16·91	16·70	17·12
20	19·83	18·21	15·95	15·08	14·00	13·66	14·54	14·75	14·41	16·83	16·83	15·66
21	19·87	18·08	16·08	15·04	13·83	13·58	13·70	14·83	14·20	16·95	16·83	16·79
22	19·70	18·21	15·96	14·79	13·66	13·58	13·66	14·87	14·12	17·25	16·83	16·66
23	19·70	18·12	15·79	14·66	13·83	13·58	13·79	14·58	14·79	17·08	16·66	16·87
24	19·62	18·08	15·62	14·58	13·91	13·41	13·75	14·83	14·79	17·08	16·41	17·00
25	19·51	17·95	15·75	14·58	13·50	13·33	13·95	14·95	14·62	17·62	16·37	17·00
26	19·58	17·66	15·58	14·41	13·50	13·25	14·62	15·04	15·01	17·83	16·29	17·00
27	19·79	17·45	15·37	14·20	13·50	13·25	14·87	15·37	15·37	17·62	16·54	17·45
28	20·00	17·33	15·29	14·08	13·58	13·20	15·16	15·37	15·20	17·33	16·66	18·37
29	20·41	17·62	15·21	14·08	13·50	13·45	15·41	15·37	15·45	17·58	.....	19·12
30	20·62	17·87	15·08	14·08	13·54	13·75	15·71	15·41	15·54	17·87	.....	19·54
31	.....	18·00	.....	14·25	13·54	.....	15·75	.....	15·75	17·91	.....	19·75

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Elevations above M.S.L., of St Lawrence River at Sorel, for 1914–15.

TABLE No. 733.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	19·79	17·95	15·45	15·41	13·62	13·20	12·75	12·75	12·66	15·37	14·58	17·79
2	19·87	17·79	.....	15·33	13·41	13·25	12·79	12·83	12·75	15·29	15·04	17·58
3	20·08	17·70	15·33	15·16	13·58	13·25	12·75	13·08	13·12	15·41	15·45	17·58
4	20·08	17·66	15·37	15·12	13·62	13·37	12·79	13·29	.....	15·37	15·62	17·45
5	20·00	17·87	15·33	14·83	13·62	13·54	12·91	13·29	13·50	15·16	15·54	17·20
6	19·91	18·04	15·41	14·87	13·62	13·45	13·12	13·50	13·70	15·12	15·54	17·16
7	19·79	18·12	.....	14·91	13·62	13·79	13·04	13·33	13·62	15·29	15·75	17·08
8	19·66	18·25	.....	14·91	.....	13·87	12·79	13·08	13·45	15·58	15·83	16·83
9	19·70	18·62	15·83	15·08	13·66	13·83	12·87	12·87	13·62	15·41	15·79	16·66
10	.....	18·70	.....	15·08	13·62	13·70	12·95	12·87	13·87	15·25	15·33	16·41
11	19·70	.....	15·37	14·83	13·58	13·58	.....	12·83	14·33	15·29	15·12	16·29
12	19·83	18·83	15·37	14·83	13·58	13·37	12·70	12·50	14·79	15·33	15·00	16·12
13	19·87	18·62	15·29	14·66	13·50	13·12	12·75	12·87	.....	15·41	15·33	16·00
14	19·70	18·25	.....	14·50	13·32	12·91	12·58	12·58	15·66	15·50	15·41	16·00
15	19·45	17·91	14·79	14·29	13·16	12·79	12·37	12·79	16·08	15·33	15·33	16·00
16	19·41	17·62	14·83	.....	12·95	12·66	12·41	13·04	15·75	15·33	15·70	16·08
17	19·04	17·45	14·66	13·95	12·95	12·70	12·87	13·33	.....	15·50	15·83	16·08
18	18·95	17·08	14·41	.....	12·95	13·00	12·95	13·54	15·62	15·58	15·79	15·95
19	19·20	16·70	14·29	13·79	13·08	13·25	14·08	13·66	15·66	15·66	15·79	15·83
20	19·75	16·58	14·25	13·70	13·20	13·33	14·08	14·41	15·87	15·79	15·75	15·54
21	20·54	16·37	14·25	13·66	13·25	13·37	13·79	14·50	16·08	15·54	15·75	15·50
22	20·33	16·33	14·37	13·75	13·41	13·45	13·83	13·50	16·33	15·16	15·54	15·62
23	20·41	16·45	14·50	13·87	13·58	13·50	13·70	13·29	16·04	14·79	15·50	15·54
24	20·62	16·16	14·66	14·00	13·62	13·54	13·33	13·25	15·70	14·66	15·54	15·58
25	19·46	16·08	14·87	13·95	13·66	13·54	13·00	12·50	.....	14·50	.....	15·70
26	18·46	15·87	15·00	14·12	13·58	13·41	12·75	12·58	15·16	14·45	17·37	16·12
27	18·16	15·79	14·95	14·16	13·54	13·29	12·79	12·62	15·00	.....	18·04	16·25
28	18·00	15·91	15·33	14·33	13·50	13·16	12·41	12·79	14·83	14·41	18·08	16·25
29	18·25	15·91	15·33	14·29	13·50	12·91	12·25	12·79	14·91	14·50	.....	16·33
30	18·16	15·79	15·75	14·25	13·45	12·79	12·62	12·62	15·25	14·45	.....	16·33
31	.....	.....	.....	13·91	13·33	.....	12·79	.....	15·58	14·50	.....	16·25

Gauge Height in feet, of East River at Stellarton, N.S., for 1913–14.

TABLE No. 734.

1	4·00	2·00	2·20	1·30	1·30	1·10	1·15	2·10	1·50	2·40	3·90	2·90
2	3·00	2·00	2·10	1·50	1·30	1·10	1·10	2·00	1·50	2·20	3·10	3·20
3	2·40	1·90	2·00	1·50	1·20	1·10	1·15	1·90	1·50	2·30	2·75	4·40
4	2·20	1·90	1·90	1·40	1·25	1·10	1·50	1·80	1·50	2·60	3·00	4·00
5	2·10	1·90	1·80	1·40	1·25	1·15	1·70	1·80	1·50	2·80	2·80	3·70
6	2·00	1·80	1·80	1·30	1·20	1·10	1·60	1·70	1·60	2·80	2·50	3·40
7	2·00	1·70	1·70	1·60	1·15	1·00	1·50	1·70	1·50	2·70	2·80	3·20
8	1·90	1·70	1·80	1·50	1·15	1·00	1·45	1·65	2·10	2·50	4·30	4·30
9	1·80	1·60	1·70	1·50	1·15	1·20	1·50	1·60	2·00	2·40	2·70	4·00
10	1·80	1·70	1·70	1·40	1·10	1·10	1·40	1·70	2·00	2·60	2·70	3·60
11	1·80	1·70	1·60	1·40	1·15	1·30	1·40	2·00	1·90	2·70	2·50	3·10
12	1·90	1·70	1·60	1·30	1·20	1·30	1·40	2·30	1·80	2·50	3·10	3·00
13	2·50	1·60	1·60	1·30	1·10	1·30	1·50	2·10	1·70	2·20	3·30	2·90
14	3·80	1·60	1·60	1·40	1·10	1·30	3·20	2·00	1·90	2·10	3·10	2·70
15	3·00	1·60	1·60	1·40	1·10	1·30	4·00	2·10	1·90	2·00	3·00	2·80
16	3·10	1·60	1·50	1·40	1·20	1·25	3·50	2·00	1·80	2·00	3·10	2·80
17	3·50	1·60	1·50	1·40	1·10	1·20	3·50	1·90	2·00	2·00	3·20	2·80
18	2·60	1·60	1·50	1·40	1·10	1·20	2·70	1·85	2·30	1·90	3·10	3·50
19	2·50	1·50	1·50	1·50	1·20	1·25	2·35	1·80	2·40	1·80	3·20	4·00
20	2·70	1·50	1·45	1·60	1·15	1·20	2·20	1·90	2·20	1·80	3·10	3·60
21	2·40	1·60	1·50	1·60	1·10	1·20	2·10	1·85	3·40	1·80	3·00	3·00
22	2·20	1·60	1·50	1·80	1·10	1·20	2·00	1·80	5·60	1·80	3·00	2·80
23	2·10	1·70	1·40	1·70	1·10	1·20	1·90	1·70	3·20	1·90	3·00	2·70
24	2·00	1·70	1·40	1·60	1·20	1·20	1·90	1·70	2·40	2·00	3·00	2·40
25	2·00	2·00	1·55	1·60	1·20	1·20	1·80	1·70	2·10	6·00	3·00	2·20
26	1·90	1·80	1·40	1·50	1·20	1·10	1·80	1·65	2·00	5·30	2·90	2·20
27	1·90	1·80	1·40	1·40	1·00	1·15	2·00	1·70	3·10	4·20	2·90	2·60
28	1·80	1·80	1·40	1·40	1·20	1·10	1·90	1·70	2·40	4·00	2·90	2·60
29	1·80	2·20	1·40	1·40	1·20	1·15	1·90	1·60	2·20	3·50	.....	2·70
30	2·00	2·00	1·30	1·30	1·20	1·10	2·10	1·60	2·40	3·10	.....	2·20
31	.....	2·40	.....	1·30	1·10	.....	2·30	.....	2·50	3·40	.....	2·30

Gauge Height in feet, of East River at Stellarton, N.S., for 1914–15.

TABLE No. 735.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	2·00	2·10	1·50	1·20	1·15	1·10	1·40	1·90	1·50	3·50	5·80	2·00
2	2·40	2·00	1·45	1·25	1·40	1·15	1·40	1·75	1·45	3·50	5·20	2·30
3	2·10	1·90	1·40	1·20	1·30	1·10	1·35	1·85	1·50	3·40	5·40	1·60
4	2·00	1·90	1·40	1·20	1·30	1·20	1·20	1·60	1·50	3·20	5·40	1·70
5	1·90	2·00	1·70	1·15	1·25	1·15	1·25	1·55	1·40	3·40	5·30	1·50
6	2·00	2·20	2·10	1·20	.....	1·10	1·20	1·50	1·80	3·40	5·40	1·40
7	2·00	2·70	1·90	1·10	.....	1·05	1·20	1·50	1·50	3·40	6·80	3·20
8	2·30	2·40	1·80	1·20	.....	1·15	1·15	1·40	1·70	4·90	5·50	2·20
9	2·90	2·30	1·70	1·20	.....	1·10	1·15	1·45	2·20	3·90	5·40	2·70
10	4·50	2·60	1·60	1·15	.....	1·10	1·10	1·50	2·50	3·40	4·80	2·40
11	2·20	3·70	1·60	1·00	1·20	1·10	1·10	1·45	3·00	3·20	4·20	2·70
12	2·40	2·70	1·50	1·05	1·20	1·10	1·10	1·50	2·70	3·00	4·20	2·60
13	2·30	2·30	1·45	1·55	1·20	1·00	1·20	1·60	2·60	3·10	4·60	2·20
14	2·20	2·10	1·40	1·40	1·15	1·05	1·15	1·90	2·70	2·90	3·30	2·20
15	1·85	2·00	1·40	1·30	1·10	1·00	1·10	1·75	3·00	2·70	3·20	2·40
16	1·75	2·00	1·40	1·25	1·15	1·00	1·20	1·65	4·80	2·70	3·70	2·60
17	1·70	1·90	1·70	1·15	1·15	1·00	1·25	2·00	4·00	2·50	5·90	2·60
18	1·60	1·80	1·55	1·15	1·20	1·05	1·15	1·90	2·90	2·60	5·20	2·50
19	1·90	1·75	1·50	1·75	1·15	1·10	1·20	1·70	2·80	4·20	4·20	2·50
20	2·50	1·70	1·45	1·70	1·10	1·00	1·25	1·80	4·80	5·50	4·20	2·90
21	2·60	1·65	1·40	1·50	1·15	1·10	1·25	2·80	3·70	3·90	3·60	2·90
22	2·50	1·60	1·45	1·45	1·15	1·10	1·25	2·30	3·80	2·50	3·30	3·00
23	2·35	1·60	1·40	1·40	1·05	0·90	1·30	2·00	3·30	3·00	3·10	2·90
24	2·15	1·60	1·35	1·35	1·20	0·80	1·25	1·80	3·00	3·40	2·90	2·80
25	2·00	1·55	1·30	1·30	1·10	1·10	1·20	1·80	3·00	2·70	3·10	2·80
26	1·95	1·50	1·25	1·25	1·10	1·20	1·15	1·70	3·20	3·00	4·80	2·60
27	2·00	1·50	1·25	1·10	1·10	1·50	1·10	1·60	3·00	2·30	6·10	2·70
28	2·10	1·55	1·20	1·20	1·10	1·50	1·30	1·60	3·30	2·10	2·30	2·60
29	2·70	1·55	1·20	1·20	1·20	1·50	1·25	4·00	3·20	2·00	.....	2·50
30	2·30	1·50	1·25	1·15	1·10	1·50	1·30	2·00	3·80	3·80	.....	2·40
31	.....	1·50	.....	1·15	1·10	.....	2·30	.....	4·30	5·50	.....	2·30

Elevations above M.S.L. of Lake Nipissing at North Bay, for 1908.

TABLE No. 736.

1	.....	.....	641·6	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	641·6	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	639·0	641·6	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	639·0	641·6	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	639·0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	639·2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	639·2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	639·4	641·8	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	639·5	642·0	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	639·7	641·8	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	639·8	641·8	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	640·1	641·8	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	640·2	641·8	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	640·3	641·8	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	640·4	641·8	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	640·5	641·7	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	640·7	641·7	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	640·8	641·6	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	640·9	641·6	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	640·9	641·5	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	641·0	641·5	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	641·0	641·4	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	641·3	641·4	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	641·3	641·4	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	641·3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	641·3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	641·4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	641·4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	641·4	641·3	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	641·4	641·3	640·5	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	641·5	.....	640·5	.....	.....	.....	.....	.....	.....	.....	.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Lake Nipissing at North Bay, for 1909–10.

TABLE No. 737.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.....	642·2	645·2	644·2	642·7	641·2	640·2	639·9	639·8	.....	.....	.....
2	.....	642·3	645·2	644·1	642·7	641·4	640·2	639·9	639·8	.....	.....	.....
3	.....	642·3	645·2	644·0	642·6	641·1	640·2	639·9	639·9	.....	.....	.....
4	.....	642·4	645·2	644·0	642·6	641·0	640·1	639·9	639·9	.....	.....	.....
5	.....	642·5	645·2	643·9	642·5	641·1	640·1	639·8	639·9	.....	.....	.....
6	.....	642·6	645·2	643·8	642·4	641·2	640·1	639·8	640·0	.....	.....	.....
7	.....	642·7	645·2	643·8	642·4	641·0	640·1	639·8	639·8	.....	.....	.....
8	.....	642·8	645·2	643·7	642·3	641·0	640·1	639·7	639·9	.....	.....	.....
9	.....	642·9	645·1	643·7	642·3	640·9	640·1	639·7	639·8	.....	.....	.....
10	.....	643·0	645·1	643·6	642·1	640·8	640·0	639·7	639·8	.....	.....	.....
11	.....	643·1	645·1	643·6	642·1	640·8	640·0	639·7	639·8	.....	.....	.....
12	.....	643·2	645·1	643·7	642·1	640·8	640·1	639·7	639·8	.....	.....	.....
13	.....	643·3	645·0	643·5	642·0	640·7	640·5	639·6	639·8	.....	.....	.....
14	.....	643·5	645·0	643·4	642·0	640·7	640·4	639·6	639·8	.....	.....	.....
15	.....	643·6	645·2	643·4	642·0	640·8	640·2	640·0	639·8	.....	.....	.....
16	.....	643·7	645·1	643·4	642·0	640·7	640·2	639·6	639·8	.....	.....	.....
17	.....	643·9	644·9	643·3	641·9	640·6	640·2	639·9	639·8	.....	.....	.....
18	.....	644·0	644·9	643·2	641·9	640·6	640·1	639·9	639·8	.....	.....	.....
19	.....	644·1	644·8	643·1	641·9	640·5	640·1	639·7	639·8	.....	.....	.....
20	.....	644·2	644·8	643·0	641·8	640·4	640·1	639·8	639·8	.....	.....	.....
21	.....	644·3	644·7	643·1	641·8	640·4	640·0	639·8	639·8	.....	.....	.....
22	.....	644·4	644·7	643·0	641·8	640·5	640·0	639·8	639·8	.....	.....	.....
23	.....	644·5	644·6	642·9	641·7	640·4	640·0	639·8	639·8	.....	.....	639·2
24	.....	644·6	644·6	643·0	641·7	640·4	640·0	639·8	639·8	.....	.....	639·2
25	.....	644·7	644·5	643·0	641·6	640·3	640·0	639·8	639·8	.....	.....	639·2
26	641·5	644·8	644·5	643·0	641·6	640·2	640·0	639·8	639·8	.....	.....	639·2
27	641·6	644·8	644·4	642·9	641·6	640·2	640·0	639·8	639·8	.....	.....	639·2
28	641·8	644·9	644·3	642·8	641·4	640·2	640·0	639·8	639·8	.....	.....	639·2
29	641·9	645·0	644·3	642·8	641·3	640·2	640·0	639·8	639·8	.....	.....	639·2
30	642·0	645·1	644·2	642·8	641·3	640·2	640·0	639·8	639·8	.....	.....	639·3
31	.....	645·1	.....	642·7	641·2	.....	639·9	.....	639·8	.....	.....	639·5

Elevations above M.S.L. of Lake Nipissing at North Bay, for 1910–11.

TABLE No. 738.

1	639·6	641·4	641·7	641·8	640·6	640·0	639·8	639·3	639·2	638·3	638·3	637·9
2	639·7	641·4	641·8	641·7	640·6	640·0	639·2	639·7	639·2	638·3	638·2	637·8
3	639·8	641·4	641·8	641·8	640·6	640·0	639·2	639·4	639·1	638·3	638·2	637·8
4	639·9	641·5	641·9	641·7	640·8	640·0	639·3	639·4	639·1	638·3	638·2	637·8
5	640·0	641·5	641·9	641·7	640·7	639·9	639·4	639·4	639·1	638·3	638·2	637·8
6	640·0	641·5	641·9	641·6	640·6	639·9	639·4	639·4	639·0	638·3	638·2	637·8
7	640·1	641·6	641·9	641·6	640·5	639·9	639·4	639·4	639·0	638·3	638·2	637·7
8	640·2	641·6	642·0	641·6	640·5	640·0	639·4	639·4	639·0	638·3	638·2	637·7
9	640·4	641·6	642·0	641·5	640·5	639·9	639·4	639·4	638·9	638·3	638·1	637·7
10	640·4	641·6	642·0	641·5	640·5	639·8	639·5	639·4	638·9	638·3	63[illegible]·1	637·7
11	640·5	641·6	642·1	641·5	640·4	639·8	639·5	639·4	638·9	638·3	638·1	637·7
12	640·5	641·5	642·1	641·5	640·4	639·8	639·4	639·4	638·8	638·3	638·1	637·7
13	640·6	641·4	642·1	641·4	640·3	639·7	639·4	639·4	638·8	638·3	638·0	637·7
14	640·6	641·4	642·1	641·4	640·3	639·7	639·3	639·4	638·8	638·3	638·0	637·7
15	640·6	641·4	642·1	641·3	640·2	639·7	639·3	639·4	638·7	638·3	638·0	637·7
16	640·7	641·4	642·1	641·3	640·2	639·7	639·3	639·4	638·7	638·3	638·0	637·7
17	640·7	641·4	642·1	641·2	640·3	639·6	639·3	639·4	638·7	638·3	638·0	637·7
18	640·8	642·0	642·1	641·2	640·2	639·6	639·3	639·4	638·6	638·3	638·0	637·7
19	640·8	641·4	642·1	641·2	640·2	639·5	639·3	639·4	638·6	638·3	638·0	637·7
20	640·8	641·4	642·1	641·3	640·2	639·5	639·2	639·3	638·6	638·3	638·0	637·6
21	640·9	641·4	642·1	641·2	640·2	639·5	639·2	639·3	638·5	638·3	638·0	637·6
22	640·9	641·4	642·1	641·1	640·1	639·4	639·6	639·3	638·5	638·3	638·0	637·6
23	640·9	641·4	642·0	641·0	640·1	639·3	639·3	639·3	638·5	638·3	637·9	637·6
24	641·0	641·5	642·0	641·0	640·1	639·2	639·4	639·3	638·4	638·3	637·9	637·6
25	641·0	641·5	642·0	641·1	640·1	639·3	639·4	639·3	638·4	638·3	637·9	637·6
26	641·1	641·5	641·9	640·9	640·3	639·3	639·3	639·3	638·4	638·3	637·9	637·5
27	641·2	641·6	641·9	640·8	640·4	639·3	639·3	639·2	638·3	638·3	637·9	637·5
28	641·3	641·6	641·9	640·8	640·1	639·3	639·3	639·2	638·3	638·3	637·9	637·5
29	641·3	642·0	641·9	640·8	640·1	639·3	639·3	639·2	638·3	638·3	.....	637·5
30	641·4	641·6	641·8	640·8	640·1	639·3	639·1	639·2	638·3	638·3	.....	637·6
31	.....	641·6	.....	640·7	640·1	.....	639·3	.....	638·3	638·3	.....	637·6

Elevations above M.S.L. of Lake Nipissing at North Bay, for 1911–12.

TABLE No. 739.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	637·6	640·7	642·7	641·8	640·5	639·5	638·6	638·2	638·3	638·8	638·6	638·2
2	637·6	640·9	642·6	641·7	640·4	639·8	638·6	638·3	638·3	638·8	638·6	638·2
3	637·6	641·0	642·6	641·7	640·4	639·4	638·5	638·2	638·3	638·8	638·6	638·2
4	637·6	641·1	642·4	641·8	640·4	639·4	639·0	638·2	638·3	638·8	638·5	638·1
5	637·6	641·3	642·3	641·7	640·3	639·3	638·6	638·2	638·3	638·8	638·5	638·1
6	637·6	641·4	642·5	641·6	640·3	639·3	638·6	638·1	638·2	638·8	638·5	638·1
7	637·6	641·5	642·4	641·5	640·2	639·2	638·6	638·6	638·2	638·7	638·5	638·1
8	637·6	641·6	642·4	641·5	640·6	639·2	638·5	638·2	638·2	638·7	638·5	638·1
9	637·7	641·6	642·4	641·4	640·4	639·2	638·5	638·2	638·2	638·7	638·5	638·1
10	637·7	641·7	642·4	641·4	640·3	639·1	638·5	638·2	638·3	638·7	638·5	638·0
11	637·7	642·0	642·4	641·6	640·2	639·1	638·5	638·2	638·3	638·7	638·4	638·0
12	637·8	642·1	642·3	641·5	640·2	639·2	638·4	638·8	638·4	638·7	638·4	638·0
13	638·0	642·1	642·5	641·3	640·1	639·2	638·4	638·8	638·5	638·7	638·4	638·0
14	638·2	642·1	642·4	641·1	640·1	639·1	638·4	638·4	638·6	638·7	638·4	637·9
15	638·4	642·1	642·4	641·3	640·1	639·1	638·4	638·3	638·6	638·7	638·3	637·9
16	638·6	642·2	642·3	641·1	640·0	639·1	638·4	638·3	638·7	638·7	638·3	637·9
17	638·8	642·2	642·3	641·0	640·1	639·0	638·4	638·2	638·7	638·7	638·3	637·9
18	639·0	642·2	642·2	641·0	640·1	639·0	638·3	638·5	638·7	638·7	638·3	637·9
19	639·1	642·3	642·2	641·1	640·0	639·1	638·3	638·2	638·7	638·7	638·3	637·9
20	639·2	642·3	642·2	640·9	640·0	639·0	638·3	638·2	638·7	638·7	638·3	637·9
21	639·4	642·3	642·2	641·0	640·0	639·0	638·3	638·2	638·7	638·7	638·3	637·8
22	639·6	642·3	642·1	640·9	639·9	638·9	638·2	638·2	638·7	638·7	638·3	637·8
23	639·7	642·4	642·1	640·9	639·9	638·9	638·3	638·2	638·7	638·7	638·3	637·8
24	639·8	642·4	642·1	641·5	639·8	638·8	638·3	638·2	638·7	638·7	638·3	637·8
25	639·9	642·4	642·0	640·7	639·7	638·8	638·8	638·2	638·8	638·7	638·3	637·7
26	640·0	642·5	642·0	640·7	639·7	638·8	638·3	638·3	638·8	638·7	638·3	637·7
27	640·1	642·5	642·0	640·7	639·7	638·7	638·3	638·3	638·8	638·7	638·3	637·7
28	640·2	642·6	642·2	640·6	639·8	638·9	638·8	638·3	638·8	638·6	638·3	637·7
29	640·3	642·6	641·9	640·6	639·6	638·6	638·8	638·3	638·8	638·6	638·2	637·7
30	640·5	642·6	641·8	640·6	639·5	638·6	638·2	638·3	638·8	638·6	.....	637·7
31	.....	642·7	.....	640·5	639·5	.....	638·2	.....	638·8	638·6	.....	637·6

Elevations above M.S.L. of Lake Nipissing at North Bay, for 1912–13.

TABLE No. 740.

1	637·6	639·7	642·5	642·4	641·1	640·5	640·1	640·1	640·5	640·6	640·2	639·9
2	637·6	639·8	642·6	642·3	641·1	640·4	640·1	640·2	640·5	640·6	640·2	639·9
3	637·6	639·8	642·9	642·3	641·1	640·3	640·1	640·2	640·5	640·6	640·2	639·9
4	637·6	639·9	643·1	642·3	641·0	640·3	640·1	640·3	640·5	640·6	640·2	639·9
5	637·6	639·9	642·9	642·2	641·0	640·3	640·1	640·2	640·5	640·6	640·2	639·9
6	637·6	640·0	642·9	642·2	640·9	640·3	640·1	640·2	640·6	640·6	640·2	639·9
7	637·8	640·0	642·8	642·2	640·8	640·3	640·1	640·1	640·6	640·5	640·2	639·9
8	638·0	640·1	642·9	642·3	640·7	640·3	640·1	640·2	640·6	640·5	640·2	639·9
9	638·1	640·2	642·8	642·1	640·8	640·3	640·0	640·3	640·6	640·5	640·2	639·9
10	638·2	640·2	642·8	642·1	640·8	640·3	640·0	640·3	640·6	640·5	640·2	639·8
11	638·2	640·2	642·6	642·0	640·8	640·2	640·0	640·3	640·6	640·5	640·2	639·8
12	638·3	640·4	642·7	642·0	640·8	640·2	640·5	640·3	640·6	640·4	640·2	639·8
13	638·3	640·5	642·8	642·0	640·8	640·2	640·3	640·3	640·6	640·4	640·1	639·8
14	638·4	640·6	642·6	641·9	640·9	640·2	640·1	640·3	640·6	640·4	640·1	639·8
15	638·4	640·7	642·6	642·0	640·8	640·2	640·1	640·4	640·6	640·4	640·1	639·8
16	638·5	640·7	643·2	641·7	640·8	640·2	640·1	640·4	640·6	640·4	640·1	639·8
17	638·6	641·0	643·2	641·8	640·7	640·2	640·1	640·4	640·6	640·4	640·1	639·8
18	638·7	641·0	642·9	641·8	640·7	640·2	640·1	640·4	640·6	640·4	640·1	639·8
19	638·8	641·1	643·0	641·7	640·7	640·2	640·1	640·4	640·6	640·4	640·1	639·7
20	638·9	641·2	642·9	641·6	640·6	640·1	640·1	640·4	640·6	640·3	640·1	639·7
21	638·9	641·2	642·7	641·5	640·6	640·1	640·1	640·4	640·6	640·3	640·1	639·7
22	639·0	641·3	642·7	641·4	640·7	640·1	640·1	640·4	640·6	640·3	640·1	639·7
23	639·1	641·4	642·8	641·4	640·6	640·1	640·1	640·3	640·6	640·3	640·1	640·0
24	639·1	641·6	642·6	641·3	640·7	640·1	640·1	640·4	640·6	640·3	640·1	640·2
25	639·2	641·7	642·7	641·3	640·6	640·1	640·1	640·4	640·6	640·3	640·0	640·3
26	639·3	642·0	642·6	641·3	640·6	640·1	640·1	640·5	640·6	640·3	640·0	640·3
27	639·4	642·1	642·6	641·3	640·5	640·1	640·1	640·5	640·6	640·3	639·9	640·4
28	639·4	642·2	642·5	641·3	640·6	640·1	640·1	640·5	640·6	640·3	.	640·4
29	639·5	642·2	642·5	641·3	640·5	640·1	640·2	640·5	640·6	640·3	.	640·5
30	639·6	642·4	642·5	641·2	640·5	640·1	640·1	640·5	640·6	640·3	.	640·6
31	.....	642·4	.....	641·2	640·4	.....	640·1	.....	640·6	640·3	.	640·7

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Lake Nipissing at North Bay, for 1913–14.

TABLE No. 741.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	640·8	643·3	643·6	642·4	641·4	640·5	639·8	639·6	640·7	640·7	640·1	639·9
2	640·9	643·4	643·6	642·4	641·4	640·4	639·7	639·6	640·7	640·6	640·1	639·9
3	641·1	643·5	643·5	642·5	641·4	640·5	639·7	639·6	640·8	640·6	640·1	639·9
4	641·3	643·5	643·5	642·4	641·4	640·4	639·6	639·7	640·8	640·6	640·1	639·8
5	641·4	643·5	643·5	642·5	641·3	640·4	639·6	639·7	640·8	640·6	640·0	639·8
6	641·5	643·5	643·5	642·8	641·3	640·4	639·6	639·7	640·9	640·6	640·0	639·8
7	641·5	643·6	643·5	642·8	641·3	640·3	639·5	639·6	640·9	640·5	639·9	639·8
8	641·5	643·6	643·5	642·7	641·3	640·3	639·5	639·6	640·8	640·5	640·0	639·8
9	641·6	643·6	643·4	642·6	641·2	640·3	639·4	639·7	640·9	640·5	640·0	639·8
10	641·6	643·6	643·4	642·5	641·2	640·2	639·4	639·7	640·9	640·5	640·1	639·7
11	641·7	643·7	643·4	642·4	641·2	640·2	639·5	639·8	641·0	640·5	640·1	639·7
12	641·8	643·7	643·4	642·4	641·1	640·1	639·5	639·8	641·0	640·5	640·1	639·7
13	641·9	643·7	643·4	642·3	641·0	640·2	639·5	639·7	641·0	640·6	640·2	639·7
14	642·0	643·7	643·4	642·2	641·0	640·2	639·5	639·8	641·0	640·6	640·2	639·7
15	642·1	643·6	643·4	642·1	640·9	640·1	639·4	639·8	641·0	640·5	640·2	639·7
16	642·1	643·6	643·4	642·1	640·9	640·2	639·4	639·9	641·0	640·5	640·2	639·7
17	642·2	643·6	643·3	642·0	640·8	640·1	639·4	640·0	640·9	640·5	640·2	639·7
18	642·3	643·7	643·2	642·0	640·8	640·1	639·5	640·2	640·9	640·5	640·2	639·7
19	642·4	643·7	643·1	642·0	640·8	640·0	639·5	640·1	640·9	640·5	640·2	639·6
20	642·4	643·7	643·0	641·9	640·7	640·0	639·6	640·2	640·9	640·5	640·1	639·6
21	642·5	643·6	643·0	641·9	640·8	640·1	639·6	640·3	640·9	640·5	640·1	639·6
22	642·5	643·7	642·9	641·8	640·7	640·1	639·6	640·3	640·9	640·4	640·1	639·6
23	642·5	643·7	642·9	641·8	640·7	640·0	639·5	640·4	641·0	640·4	640·0	639·6
24	642·6	643·7	642·9	641·7	640·7	639·9	639·5	640·5	641·0	640·3	640·0	639·6
25	642·6	643·7	642·8	641·7	640·7	640·0	639·5	640·4	640·9	640·3	640·0	639·7
26	642·7	643·7	642·8	641·6	640·6	639·9	639·5	640·5	640·9	640·3	640·0	639·7
27	642·8	643·7	642·7	641·6	640·7	639·8	639·5	640·5	640·9	640·2	639·9	639·7
28	642·9	643·7	642·6	641·6	640·6	640·0	639·5	640·6	640·9	640·2	639·9	639·7
29	643·1	643·7	642·5	641·5	640·6	639·8	639·6	640·6	640·8	640·2	.....	639·7
30	643·2	643·7	642·4	641·5	640·6	639·8	639·5	640·7	640·8	640·2	.....	639·7
31	.....	643·6	.....	641·5	640·6	.....	639·5	.....	640·7	640·1	.....	639·7

Elevations above M.S.L. of Lake Nipissing at North Bay, for 1914–15.

TABLE No. 742.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	639·7	641·1	642·1	641·0	640·6	640·1	639·8	639·7	639·7	.....	639·8	639·8
2	639·7	641·2	642·1	641·0	640·6	640·2	639·8	639·7	639·8	639·9	639·8	639·8
3	639·8	641·5	642·0	641·0	640·5	640·2	639·7	639·6	639·8	.....	639·8	639·8
4	639·8	641·6	642·0	641·1	640·5	640·1	639·7	639·8	639·8	639·8	639·8	639·8
5	639·9	641·8	641·9	641·1	640·5	640·1	639·7	639·8	639·8	639·8	639·8	639·8
6	639·9	641·8	641·9	641·0	640·5	640·1	639·6	639·7	.....	639·9	639·8	639·8
7	639·9	611·9	641·9	641·0	640·5	640·2	639·7	639·8	639·8	639·9	.....	.....
8	639·9	642·0	641·9	641·0	.....	640·1	639·7	639·8	639·8	639·9	639·8	639·8
9	640·6	642·0	641·7	641·0	.....	640·1	639·7	639·7	639·8	639·9	639·8	639·8
10	640·0	642·0	641·7	641·0	640·5	640·1	639·7	639·6	639·8	.....	639·8	639·8
11	640·0	642·1	641·6	641·0	640·4	640·1	640·1	639·8	639·8	639·8	639·8	639·8
12	640·0	642·1	641·7	641·0	640·4	640·1	639·8	639·7	639·8	639·8	639·8	639·8
13	640·0	642·1	641·6	640·9	640·5	640·0	639·7	639·6	.....	639·8	639·8	639·8
14	640·1	642·2	641·7	640·9	640·5	640·0	639·7	639·8	639·8	639·8	.....	.....
15	640·1	642·2	641·6	640·9	640·4	640·0	639·8	639·8	639·8	639·8	639·8	639·7
16	640·1	642·2	641·5	640·9	640·4	640·0	639·7	639·8	639·8	639·8	639·8	639·7
17	640·1	642·3	641·6	641·0	640·4	640·0	639·8	639·8	639·8	.....	639·8	639·6
18	640·1	642·3	641·5	640·9	640·4	640·0	639·8	639·8	639·8	639·8	639·8	639·6
19	640·1	642·3	641·4	640·9	640·4	640·0	639·8	639·8	639·8	639·8	639·8	639·6
20	640·2	642·4	641·4	641·0	640·3	640·0	639·9	639·8	.....	639·8	639·8	639·6
21	640·2	642·4	641·3	640·8	640·4	640·0	639·9	639·8	639·8	639·8	.....	.....
22	640·2	642·4	641·2	640·8	640·4	640·1	639·8	639·7	639·8	639·8	639·8	639·5
23	640·2	642·4	641·2	640·8	640·5	640·0	639·8	639·7	639·8	639·8	639·8	639·5
24	640·3	642·3	641·2	640·8	640·4	640·0	639·8	639·7	639·8	639·8	639·8	639·5
25	640·4	642·2	641·2	640·8	640·4	639·9	639·9	639·7	639·8	639·8	639·8	639·5
26	640·5	642·2	641·1	640·7	640·4	639·9	639·8	639·7	639·8	639·8	639·8	639·5
27	640·6	642·3	641·0	640·7	640·3	639·8	639·9	639·7	.....	639·8	639·8	639·5
28	640·8	642·1	640·8	640·6	640·1	639·8	639·8	639·7	639·8	639·8	.....	.....
29	641·0	642·2	641·1	640·6	640·1	639·8	639·7	.....	639·8	639·8	.....	639·5
30	641·1	642·2	641·1	640·6	640·1	639·8	639·7	639·7	639·8	639·8	.....	639·5
31	.....	642·1	.....	640·6	640·1	.....	639·7	.....	639·8	639·8	.....	639·5

Discharge Measurements of L'Assomption River.

TABLE No. 743.

Date.	Hydrographer.	Width.	Area of section.	Mean velocity.	W. S. Elevations,	Discharge.	Remarks.
1912.		Feet	Sq. ft.	Ft. per sec.	Feet.	Sec.-ft.	
Oct. 26	J. H. Beauchemin	521	2,440	2·704	22·8	6,600	1½ mile from mouth.
Nov. 8	A. M. Kirkpatrick	597	4,128	4·196	24·0	17,320	1½ mile from mouth.
Nov. 16	do	538	2,969	1·457	22·1	4,325	1½ mile from mouth.
1913.							
May 21	S. B. Johnson	424	2,957	0·725	23·9	2,140	Repentigny.
June 4	A. M. K. & W. E. B.	430	2,758	1·310	22·3	3,630	St. Paul l'Hermite.
June 16	A. M. Kirkpatrick	401	2,063	0·595	20·6	1,229	St. Paul l'Hermite.
June 23	W. E. Blue	390	1,779	0·146	22·2	262	do
July 7	J. Beauchemin	400	1,572	0·325	19·1	511	do
July 12	do	410	1,491	0·415	19·1	618	Charlemange.
July 18	W. E. Blue	467	2,265	0·339	19·0	769	do
Aug. 4	J. A. Beauchemin	395	2,004	0·180	18·7	353	do
Aug. 8	do	436	2,086	0·218	18·4	455	do
Aug. 16	A. M. Kirkpatrick	384	1,608	0·346	19·3	557	do
Aug. 22	do	377	1,779	0·432	.....	768	do
Nov. 16	do	538	2,969	1·457	22·1	4,326	
1914.							
May 22	B. Ross	483	2,119	0·947	20·30	2,008	St. Paul l'Hermite.
							Lower G.
June 10	do	396	2,061	0·860	19·04	1,773	Charlemange 18·90
June 15	do	389	1,885	0·363	18·41	699	do 18·33
June 22	H. S. Patterson	437	1,884	0·268	18·10	506	do 18·06
July 6	B. Ross	437	2,141	0·350	18·57	750	do 18·49
July 8	H. S. Patterson	460	2,174	0·377	18·46	819	do 18·46
July 15	do	450	2,217	0·429	17·94	952	do 17·85
July 20	do	458	2,135	0·408	18·50	871	do 18·38
July 23	do	460	2,121	0·336	17·55	712	do 17·52
July 27	do	463	2,129	0·219	17·68	466	do 17·58
Aug. 6	J. A. Beauchemin	440	1,936	0·381	17·06	737	do 16·93
Aug. 13	do	430	1,354	0·279	16·78	378	do 16·73
Aug. 22	do	410	1,433	0·282	16·73	404	do 16·63
							21 going through Little Canal, added to total.
Aug. 31	do	248	1,299	0·444	16·71	577	Head of Little Canal, new section. 16.57
Sept. 12	do	250	1,290	0·475	16·73	612	do 16·53
							Little Canal 32 added to total.
Sept. 17	do	243	1,108	0·382	16·32	424	At head of Little Canal, 16·18
Sept. 21	do	247	1,162	0·392	16·36	456	Little Canal 20 added to total 16·30
Sept. 23	do	246	1,109	0·348	16·50	387	do 21 do 16·43
Sept. 28	do	246	1,149	0·266	16·28	305	do 19 do 16·28
Oct. 5	do	240	1,136	0·335	15·99	380	do 15 do 15·82
Oct. 13	do	372	883	1·451	17·06	1,282	New sect. includes Little Canal. 17·00
Oct. 29	do	345	942	0·762	16·34	718	do 15·56
Nov. 7	do	383	1,326	1·023	16·95	1,358	do 16·43

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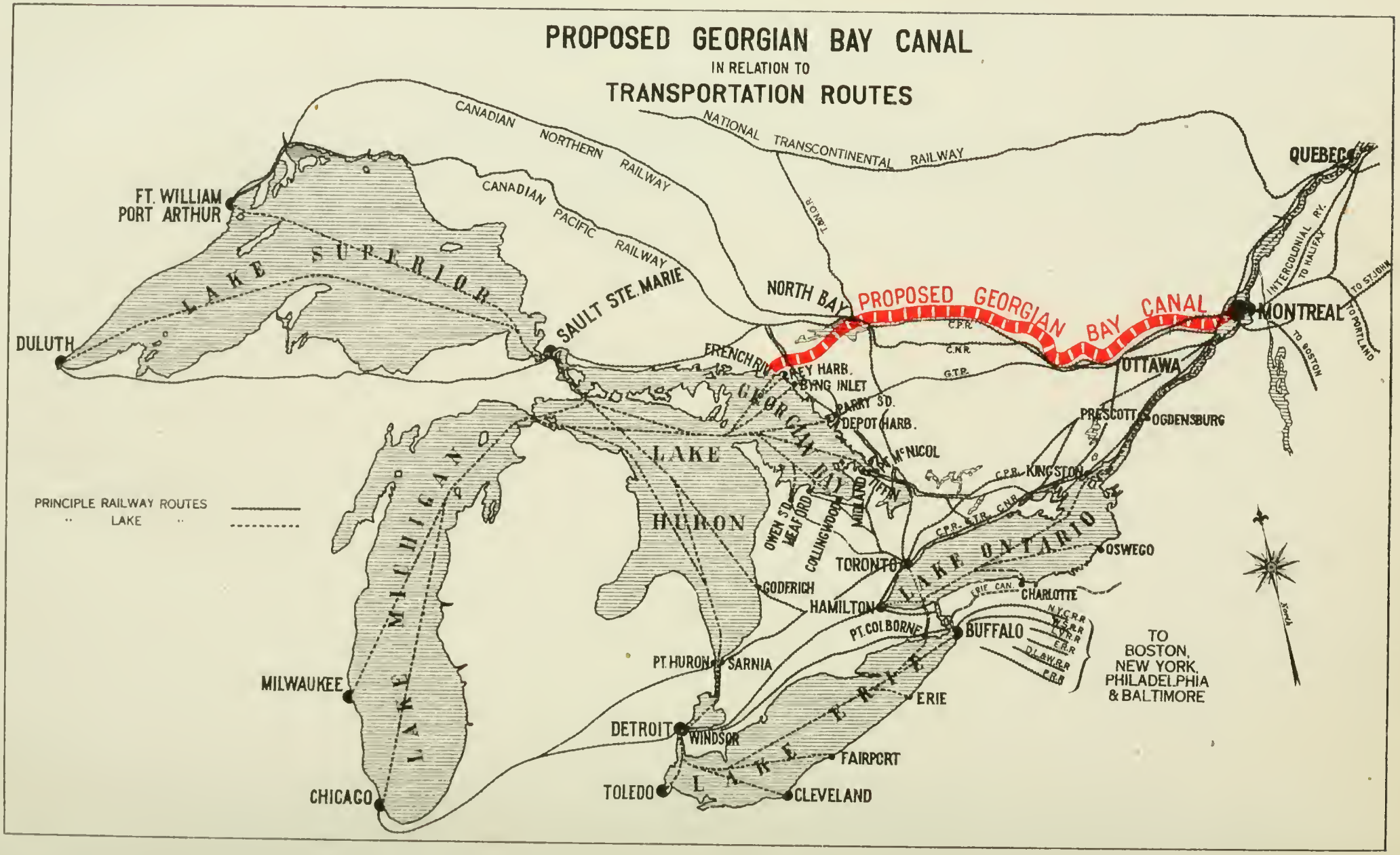
PROPOSED GEORGIAN BAY CANAL
IN RELATION TO
TRANSPORTATION ROUTES
CANADIAN NORTHERN RAILWAY
NATIONAL TRANSCONTINENTAL RAILWAY
CANADIAN PACIFIC RAILWAY
T&NOR
QUEBEC
FT. WILLIAM
PORT ARTHUR
LAKE SUPERIOR
DULUTH
SAULT STE. MARIE
NORTH BAY
PROPOSED GEORGIAN BAY CANAL
C.P.R.
C.N.R.
G.T.R.
MONTREAL
INTERCOLONIAL RY.
TO HALIFAX
TO ST. JOHN
TO PORTLAND
TO BOSTON
OTTAWA
FRENCH R.
KEY HARB.
BYNG INLET
PARRY SD.
DEPOT HARB.
GEORGIAN BAY
LAKE HURON
LAKE MICHIGAN
PRESCOTT
OGDENSBURG
C.A. McNICOL
KINGSTON
C.P.R. G.T.R. C.N.R.
OWEN SD.
MEAFORD
COLLINGWOOD
MIDLAND
TORONTO
OSWEGO
LAKE ONTARIO
GODERICH
HAMILTON
ERIE CAN.
CHARLOTTE
PT. COLBORNE
BUFFALO
N.Y.C.R.R.
N.Y.C.R.R.
L.V.R.R.
E.R.R.
D.L.&W.R.R.
P.R.R.
PT. HURON
SARNIA
MILWAUKEE
DETROIT
WINDSOR
ERIE
FAIRPORT
TOLEDO
CLEVELAND
CHICAGO
TO BOSTON, NEW YORK, PHILADELPHIA & BALTIMORE
PRINCIPLE RAILWAY ROUTES
LAKE
North

INTERIM REPORT

STATISTICAL EXAMINATION

OF

CERTAIN GENERAL CONDITIONS OF TRANSPORTATION BEARING ON THE ECONOMIC PROBLEM OF THE PROPOSED

GEORGIAN BAY CANAL

BY

W. SANFORD EVANS

Chairman, Georgian Bay Canal Commission.

1916

PRINTED BY ORDER OF PARLIAMENT.

OTTAWA

PRINTED BY J. DE L. TACHÉ, PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

1916

[No. 19*b*—1916.]

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COMMISSION

Appointing commissioners to inquire into and report upon the commercial feasibility and national advantages to be derived from the proposed construction of a deep inland waterway from the Georgian bay, Ontario, to the port of Montreal in the province of Quebec.

Dated 18th March, 1914.
Recorded 1st April, 1914.
Lib. 212, Fol. 67.

THOMAS MULVEY,
Deputy Registrar General of Canada.

CANADA.

GEORGE THE FIFTH, by the Grace of God, of the United Kingdom of Great Britain and Ireland, and of the British Dominions beyond the Seas, KING, Defender of the Faith, Emperor of India.

To all to whom these presents shall come, or whom the same may in anywise concern,

GREETING,—

WHEREAS in and by an order of His Royal Highness our Governor General in Council, bearing date the eighteenth day of March, in the year of Our Lord One Thousand Nine Hundred and Fourteen, provision has been made for a careful and thorough inquiry by our commissioners therein and hereinafter named in respect of the proposed construction of a deep inland waterway, providing for accommodation for the large lake carriers from the Georgian bay, in the province of Ontario, to the port of Montreal, in the province of Quebec, from the point of view of the commercial feasibility and national advantages to be derived from such a waterway, and in that connection to inquire into and consider the following questions, namely:—

1. A study of the transportation problem in relation to the proposed waterway; to what extent can it help in developing the resources of the country.

2. The advantages of a large waterway from the lakes to the seaboard, open to the largest type of lake carriers; the feasibility of these carriers navigating such waterway and the influence on the rate regulation of transport, especially upon cheaper commodities which the country produces.

3. The competition of the waterway with the railways; effect on railways, by creating new industries, on account of cheap transportation of low grade freight that cannot be handled by rail, causing an expansion in industries, an increase to the population and a demand for a higher class of freight seeking transportation by rail.

4. The probable volume of traffic available on account of the natural advantages of such waterway, which would be the shortest and deepest water route from the head of the Great Lakes to the seaboard for the largest lake vessels and the probable length of the open navigation season through this waterway.

5. Traffic of the Great Lakes; how it reaches the seaboard. The percentage of Canadian traffic handled through United States ports, and causes for this diversion.

6. Lake transportation; rates that obtain; lake and rail rates as against all rail rates; also a comparison with an all water route rate; also a comparison between the proposed Georgian Bay Ship Canal route and all the competing routes in existence and in course of construction and their capacity; comparative cost of transportation per ton mile, rail, lake and rail, and all water.

7. A comparison of the volume of traffic that may be handled by water as against the rail routes within the same period. Possible economic advantages of such a waterway.

8. The position of the Northwest; Fort William and Port Arthur being the objective point of all lines running through the wheat belt. How the situation at the head of the lakes would be ameliorated; would an all water route from Fort William to the seaboard, for largest lake vessels, be the natural complement of the present water and rail routes?

9. The position of the existing and projected Gulf Lines via Galveston, what their influence would be regarding diversion of traffic from the lakes and St. Lawrence route. The effect upon the movement of the traffic by the opening of the Hudson Bay, and Pacific and Panama routes.

10. The conditions that exist at the Atlantic seaboard, Canadian and United States, as to handling traffic, and as to ocean and insurance rates.

11. Interprovincial trade. The facilitating of trade between the provinces. The Northwest to supply Ontario, Quebec, and the Maritime Provinces with wheat at a cheaper transportation rate; Ontario and Quebec to supply in return the product of their manufactures, whilst it will perhaps be possible for Nova Scotia to supply coal to some Ontario points at a cheaper freight rate than it now costs to bring it from the United States, effecting a great saving to the country.

12. The iron industry and other mineral resources; the deep waterway as a factor in their development.

13. Pulp industry and the possibility of development.

14. The tendency to manufacture at the base of supply; the possibilities along the route of the waterway where raw material that cannot be transported by rail at a low rate is available. The easy development of large water powers at dams, for manufacturing purposes.

15. New territory opened in the Northwest and the requirements to move the grain crop in the future to open market; the cost of transporting wheat from important centres in the Northwest to head of lakes.

16. Storage at the head of the lakes and the seaboard; extent of terminals required.

17. Markets, general statistics, synopsis of history of deep canals; their trade development.

18. Generally speaking, the commercial feasibility of the proposed waterway.

Now Know Ye that by and with the advice of our Privy Council for Canada, we do by these presents nominate, constitute and appoint William Sanford Evans, of the city of Winnipeg, in the province of Manitoba, financial agent; Frank Stephen Meighen, gentleman, and Edouard Gohier, merchant, both of the city of Montreal, in the province of Quebec, to be our commissioners to conduct such inquiry; to have, hold, exercise and enjoy the said office, place and trust unto the said William Sanford Evans, Frank Stephen Meighen and Edouard Gohier, together with the rights, powers, privileges and emoluments unto the said office, place and trust of right and by law appertaining during pleasure,—And we do further nominate, constitute and appoint the said William Sanford Evans to be the Chairman of the said Commission.

And we do hereby under the authority of the revised Statute respecting inquiries concerning public matters confer upon our said Commissioners the power of summoning before them any witnesses and of requiring them to give evidence on oath or on solemn affirmation if they are persons entitled to affirm in civil matters, and orally or in writing, and to produce such documents and things as our said Commissioners shall deem requisite to the full investigation of the matters into which they are hereby appointed to examine. And we do hereby further authorize the said Commissioners to employ such technical and professional assistants as they may deem necessary in connection with the inquiry. And we do hereby require and direct our said Commissioners to report to His Royal Highness the Governor General in Council the result of their investigation together with the evidence, if any, taken before them and any opinion they may see fit to express thereon.

In testimony whereof, we have caused these our letters to be made patent and the great seal of Canada to be hereunto affixed. Witness: Our Most Dear and Entirely Beloved Uncle and Most Faithful Counsellor, Field Marshal His Royal Highness Prince Arthur William Patrick Albert, Duke of Connaught and of Strathearn; Earl of Sussex (in the Peerage of the United Kingdom); Prince of the United Kingdom of Great Britain and Ireland; Duke of Saxony, Prince of Saxe-Cobourg and Gotha; Knight of Our Most Noble Order of the Garter; Knight of our Most Ancient and Most Noble Order of the Thistle; Knight of Our Most Illustrious Order of St. Patrick; One of our Most Honourable Privy Council; Great Master of Our Most Honourable Order of the Bath; Knight Grand Commander of Our Most Exalted Order of the Star of India; Knight Grand Cross of Our Most Distinguished Order of St. Michael and St. George; Knight Grand Commander of Our Most Eminent Order of the Indian Empire; Knight Grand Cross of Our Royal Victorian Order; Our Personal Aide-de-Camp; Governor General and Commander-in-Chief of our Dominion of Canada.

At our Government House, in Our City of Ottawa, this eighteenth day of March, in the year of Our Lord One thousand nine hundred and fourteen and in the fourth year of Our reign.

By Command,

THOMAS MULVEY,

Under-Secretary of State.

Honourable Robert Rogers,

Minister of Public Works,

Ottawa, Canada.

Sir,—Pending the completion of the statistical survey of the principal facts and conditions entering into the transportation problems referred to the Georgian Bay Canal Commission, which it was arranged should be undertaken as preparatory to the work of the Commission, I beg to submit the following Interim Report covering such matters as have already been submitted to examination.

Yours respectfully,

W. SANFORD EVANS.

Ottawa, 1916.

INTERIM REPORT, GEORGIAN BAY CANAL COMMISSION.

By W. Sanford Evans, *Chairman, Georgian Bay Canal Commission, 1916.*

INTRODUCTORY STATEMENT.

Under the authority of Parliament, a survey and investigation of the practicability and probable cost of the long-mooted proposition to construct a deep waterway from Georgian bay to the harbour of Montreal, by way of the French and Ottawa rivers, was initiated in 1904 under a board of engineers. In 1909 this board submitted a report (Georgian Bay Ship Canal Report upon Survey, with Plans and Estimates of Cost, 1908), the plans providing for a waterway 22 feet deep, with a length of 440 miles, in which there would be 28 miles of canal excavation, 66 miles of channel dredging, and 346 miles of river and lake; with 27 locks of a minimum length of 650 feet, with 65 feet clear width and 22 feet clear depth, the lift ranging from 5 feet to 50 feet; and with a minimum water supply in the summit basin, capable of being increased, which would permit of 20 lockages per day throughout a season of about 210 days. The cost, originally placed at $100,000,000, was, in view of increases in the cost of materials, subsequently estimated at $125,000,000.

In 1914 a Royal Commission was issued, in the terms already set forth, for a report upon the "commercial feasibility" of such a canal, and in general upon many elements of the transportation problem in Canada. The engineers had reported that the canal was practicable, but the report of the Georgian Bay Canal Commission was to be upon the question whether or not it would pay Canada to spend $125,000,000 upon this public work.

A reasonable judgment upon the economic feasibility of any proposition must be based upon a careful study of facts and upon an equally careful estimate of tendencies and possibilities of development. As many of the conditions which constitute the economic factors of a problem such as this have not previously been statistically studied in Canada, and are not adequately set forth in any existing compilations, it was considered desirable to collect and arrange certain important classes of facts as preliminary to the consideration of any conclusions by the commission, and even as preliminary to the holding of public hearings. An arrangement was accordingly made by which the chairman of the commission undertook this preparatory statistical survey, and this interim report, sets forth some of the facts so far examined. It is not a report on conclusions, but rather a general introductory statement of part of the case to be argued, and takes the form of a summary statement, illustrated by diagrams, and an appendix containing tables of figures. It is submitted at this stage for constructive criticism and for suggestions as to other essential matters to be taken into consideration so that the case may be made complete. As soon as the most important fundamental facts are available and within the knowledge of those interested, argument can profitably be heard, and in due time, and after full public hearings, the Georgian Bay Canal Commission will present its report.

Scope of this report.—Great public works, such as railways and canals, may be undertaken for political, military, or economic reasons. The terms of Confederation imposed on the Dominion Government a political obligation for certain works of this kind. Military purposes have led to very large expenditures on transportation

facilities in many countries, and perhaps neither military nor the higher political reasons should be overlooked in conection with any public work. The present question, however, is whether there is an economic reason for a Georgian Bay canal.

A canal is constructed to carry traffic and from the national standpoint might have economic justification:—

(1) If existing traffic facilities are congested, or in danger of congestion within a period of time for which provision should now be considered, and if the proposed canal offers adequate and satisfactory additional facilities.

(2) Even if actual congestion is not threatened, then if a sufficiently great volume of traffic is likely to be affected by the building of the canal so that the decreased cost or the increased convenience will bear a remunerative relation to the capital invested. Under this heading there would be two inquiries:—

(*a*) As to the volume of traffic that would probably use the canal itself;

(*b*) As to the volume of traffic likely to be affected by the competitive influence of the canal, through the effect of the new route on the rates and conveniences of other routes.

(3) If its construction would probably promote the development of traffic to a greater extent or at a more rapid rate than an alternative improvement in facilities, and to a degree commensurate with the cost.

(4) If in connection with its construction collateral assets or benefits might be created, of which water-powers may be taken as one example, which, properly appraised, might so supplement the traffic advantages as to make the total national return appear profitable.

This interim report does not deal with possible collateral values created by the building of the proposed Georgian Bay canal, which must later be inquired into, but solely with the problem of traffic.

Again, this report does not deal with the important question of local traffic, but only with the problem of through traffic. A canal might enable the population along its banks to receive and ship goods on better terms than at present and might lead to a marked increase of population in that district and to the establishment of new industries; and it might also further the development of such natural resources as that district may contain. To the extent to which it is a net addition to the sum of national well-being, and is not accompanied by a corresponding loss elsewhere or is not only a transfer from one point to another, an economic advantage to a section of the population or to a limited district may be counted a national advantage. But it must not cost too much and the burden of the cost must be properly placed. The natural resources of the territory tributary to the proposed canal should be carefully investigated, and an estimate made of all probable local gains. In this report, however, only facts and conditions bearing on the general traffic problem of Canada are under examination.

The proposed Georgian Bay canal would form a new channel in the St. Lawrence and Great Lakes water-route from the Atlantic ocean to the heart of the North American continent. Over certain of the existing channels of this greatest of inland waterways there now passes an enormous volume of traffic. Some of this is Canadian traffic and some United States traffic. Some of the vessels are of Canadian or British registry, and some of United States registry. These vessels freely use all canals and improvements in the waterways, without distinction because of the nationality of the vessel or the national ownership of the canals or deepened channels, and, within the restrictions of the coasting laws, some traffic of Canadian origin is carried in United States vessels, and some traffic of United States origin is carried in Canadian vessels. This great waterway is paralleled to the north and to the south throughout its whole course by many railway lines, which also carry an enormous traffic of mixed national origin and destination.

Among the materials necessary as a basis for a reasonable judgment on the economic feasibility of the canal in its relation to general traffic, there should be facts covering the following points:—

(1) The magnitude of the total traffic of both countries that now so moves and that may in the future so move as to fall within the sphere of influence of such a canal. Traffic of Canadian origin or destination, that is, traffic that enters into Canadian trade, should be differentiated from United States traffic in order that it may be considered separately, for the national advantage to Canada of benefits conferred on Canadian traffic would be much more direct and would be calculated on broader grounds than would the advantage to Canada that might be incidental to benefits conferred on United States traffic.

(2) The routes now followed by traffic and the causes of the present distribution. If necessary in order to discover these causes, the goods must be traced from their point of origin right through to their ultimate destination, even if this involves a study of transportation conditions on the ocean and of the methods and demands of foreign markets.

(3) The classes of goods now constituting the traffic, and the possibilities of increase in each of these classes and of the addition to the traffic of new classes of goods.

(4) The present nature and probable tendencies of railway competition against the water routes.

The traffic that would probably feel first and most directly the influence of a new canal is the traffic that now passes by water between the East and the West in North America. This report represents the results of an investigation of this waterborne traffic along the above general lines. No detailed study of the rail-borne traffic and of railway competition has yet been made.

In the summary statement no attempt is made at exhaustive treatment, but rather the facts of a single year or with respect to a single article are selected to illustrate general conditions found to exist, and diagrams are freely used. Indeed, much of the report is but an explanation of the diagrams. In the appendix are given tables of statistics, some compiled direct from original material and some taken from various authoritative publications, which will in most cases provide material for a much more extended study. The year 1913 has been chosen for special attention, first because the traffic movement was greater in that year than in any other, and second, because 1913 was the latest complete year before the disturbances created by the war, and witnessed the fullest manifestation of the tendencies of what may be called normal times. Normal conditions must be understood before the abnormal can be rightly judged.

There is included in the appendix also a precis index of Hansard Debates of the House of Commons and the Senate on the Georgian Bay Ship Canal, 1902-13.

As many other problems, beside that of the Georgian Bay canal, depend upon the same fundamental facts, it is possible that the material herein presented may prove of interest in more than the one practical direction.

In this report, the quantities, and not the values, of freight traffic are taken into consideration, whenever these can be obtained, and less attention is paid to freight rates than to the general conditions that underlie freight rates.

It is the weight, or the bulk, of freight traffic that chiefly creates a transportation problem, and not its value. Cargoes and carloads are measured by tons and not by dollars. To illustrate: In the fiscal year 1912-13, Canada imported unset diamonds to the value of $3,846,350.[1] If put into one package, these diamonds would probably weigh about 44 pounds, and the whole package could be thrown into the corner of the

[1] Report of the Department of Customs, Trade and Navigation, year ending March 31, 1913, p. 354.

small safe in one express car. In the same fiscal year, Canada imported large quantities of soft coal, aggregating over five times the value of the diamonds. Taking for comparison the quantity of soft coal which at the entered price would give a value equal to the diamonds, we have a freight tonnage of 1,923.175 tons. According to the report of the Department of Railways and Canals,[1] there were in that year on all the railways in Canada a total of 14,746 coal cars, with an average capacity of 38½ tons. If all these cars were assembled to carry the above amount of coal, each car would have a little over 3⅓ loads. Put in another way, if these cars were made up into trains of forty cars each, and twelve such trains were despatched per day, it would take 104 days to move the load. Here we have a big transportation problem, whereas the same value in diamonds offers no transportation problem at all, but only an insurance or police problem. It may be much more profitable for a country to produce or trade in goods that must be weighed by ounces or pounds, but it is only tons, no matter what their value, that can fill vessels or cars and that require new canals, deeper channels, more railway lines and heavier rails and bridges.

Freight rates do not always explain traffic movements, and are sometimes symptoms rather than causes. A relative cheapness of rates will not always divert traffic from other routes; for traffic often seems to move upstream against higher rates. There are many conditions which determine the routing of traffic, and it is impossible to reach sound practical conclusions by studying freight tariffs alone. What has been sought in the present investigation is the causes of traffic movements, whether these causes have manifested themselves in freight rates or not. There may be artificial interferences with the operation of these fundamental causes, such as may arise from the exercise of governmental regulation on the one side, or from conferences, affiliations, pools, or combinations on the other, but it has not been possible in the time to trace the influence on the courses of traffic that may have been exerted by these means.

[1] Railway Statistics, year ending June 30, 1913, p. 139.

FREIGHT TRAFFIC TO AND FROM LAKE SUPERIOR.[1]

The principal volume of waterborne traffic between the East and the West in North America passes back and forth through the Sault Ste. Marie canals, and it can there be conveniently measured and analysed owing to the admirable statistical reports[2] prepared under the direction of Lt.-Col. Mason M. Patrick, Corps of Engineers, U.S. Army, covering the traffic of both countries through all the canals, and of the Canadian Department of Railways and Canals[3] dealing specially with the traffic through the Canadian canal.

In diagram 1 is represented in graphic form the total freight traffic of Canada and of the United States combined, passing through the canals at Sault Ste. Marie, Ontario and Michigan, during the season of navigation of the year 1913.[4]

Fig. 1 shows the total freight traffic divided into eastbound and westbound traffic. Of a total freight traffic of 79,718,344 short tons, there passed eastbound 59,205,853 tons, and westbound 20,512,491 tons. Among the points to be noted are:—

(1) The magnitude of this traffic. In tons of cargo and in net registered tonnage of vessels, the traffic through the Sault Ste. Marie canals during somewhat less than eight months of open navigation greatly exceeded the twelve months' total of any other canal or of any single port in the world. Its figures, so far as narrow waterways are concerned, are apparently surpassed only by those of the Detroit river,[2] which, in addition to carrying over 87 per cent of the traffic which also passes through the Sault Ste. Marie canals, carries traffic to and from lake Michigan, lake Huron, and Georgian bay and local traffic for Detroit river ports. A direct comparison in freight tons with the traffic through the Suez canal is not practicable, but the net registered tonnage of vessels passing through the Suez canal in the year 1913 was 20,033,884 tons, while the net registered tonnage of vessels passing through the Sault Ste. Marie canals in the navigation season of the same year was 57,989,715 tons.

(2) The distribution of traffic as between eastbound and westbound, the ratio being 2.88 to 1.

(3) The growth of the traffic. In the appendix[4] are given detailed figures for 1911 to 1915. In 1890 the total freight traffic was 9,041,213 tons; in 1900, 25,643,073 tons, and in 1913, 79,718,344 tons.

Fig. 2 shows the origin of the traffic.[5] No matter what the original national source or the ownership of the goods may be, the traffic originating at Canadian ports is, in accordance with the commonly accepted definition, called Canadian traffic, and is represented in solid black; while the traffic originating at United States ports is called United States traffic, and is represented by the hatched portions of the figures. Out of a total eastbound traffic of 59,205,853 short tons there originated at Canadian ports 6,103,847 tons, or 10.30 per cent. Out of a total westbound traffic of 20,512,491 tons there originated at Canadian ports 771,410 tons, or 3.27 per cent. Of the total eastbound and westbound traffic combined, 6,875,257 tons, or 8.62 per cent, was of Canadian origin.

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[1] Appendix Tables 1-17, pp. 87-102, Statistics, 1911-15.

[2] Annual Statistical Reports of Lake Commerce, passing through canals at Sault Ste. Marie, Ontario and Michigan, with a Supplementary Report of commerce passing through the Detroit River.

[3] Canal Statistics.

[4] Appendix, Table 1, p. 87, Statistics, 1911-15.

[5] Appendix, Table 2, p. 87, Statistics, 1911-15.

Fig. 3 shows the destination of the traffic,[1] that is the freight shipped to Canadian ports as compared with the freight shipped to United States ports. Of the total eastbound freight, 6.11 per cent, or 3,619,636 tons, was destined to Canadian ports in the east; while of the total westbound freight, no less than 29.02 per cent, or 5,954,388 tons, was destined to Canadian ports in the west.

It will be noted that there are marked differences in the relative proportions of traffic in figures 2 and 3. It is evident, for example, that a much smaller amount of freight arrived at Canadian ports in the east than was shipped from Canadian ports in the west, the difference being 2,484,211 tons. This means that a large amount of Canadian freight, eastbound, was shipped to United States ports, and that there was not a corresponding amount of United States freight shipped to Canadian ports. The heavy shipments of Canadian grain and flour to United States ports are not offset by any correspondingly large movement of United States traffic, at least from the Lake Superior district, to Canadian ports. On the other hand, nearly 7¾ times as much freight arrived at Canadian ports in the west as was shipped from Canadian ports in the east, the difference in this case being accounted for chiefly by the large shipments of United States coal to Canadian ports in the west.

Distribution of traffic by lake districts.—Leaving the St. Marys river the traffic eastbound divides, one portion diverging to ports on lake Michigan, one to ports on lake Huron and Georgian bay, a very large portion to lake Erie ports, while the balance goes to ports on lake Ontario and the St. Lawrence river. Westbound, streams of traffic converge from all these districts. It has not so far been found practicable to work out the traffic belonging to each individual port, but the material is available for estimating the traffic of ports grouped according to lake districts.

It is clearly important to understand how existing traffic by water is routed. Traffic between lake Michigan and lake Superior will probably, for example, prove to have little bearing on the problem of a Georgian Bay canal; and again, the traffic now received at and shipped from lake Erie ports must be examined with a view to determining to what extent this routing is due to the fact that the commodities constituting the westbound traffic originate in districts directly tributary to lake Erie, and to what extent the eastbound traffic now received at those ports is influenced by fundamental causes, such as consumption demand or the existence of through export facilities. With regard to the traffic with lake Huron and Georgian bay and with lake Ontario, it will be important also to inquire what proportion belongs to local districts that could not be served by an alternative route through a Georgian Bay canal. At this stage, however, only the general facts of distribution will be presented.

Total traffic by the lake districts.[2]—In diagram 2 is shown the total eastbound traffic through the Sault Ste. Marie canals during the season of navigation of 1913, divided according to the lake districts to which the freight was shipped, and the total westbound traffic divided according to the lake districts from which the freight was shipped. Comparing the quantity shipped to lake Erie in the eastbound figure with the quantity shipped from lake Erie in the westbound figure, the relation of outward to return cargoes with respect to that lake district is indicated; and so with each of the other lake districts. The preponderance of the traffic with lake Erie ports is strikingly apparent.

Of a total eastbound freight traffic of 59,205,853 tons, there was shipped to ports on lake Erie, 49,427,101 tons, or 83.48 per cent; while of a total westbound traffic of 20,512,491 tons, there was shipped from ports on lake Erie, 19,297,105 tons, or 94.07 per cent. Of the combined total of eastbound and westbound traffic of 79,718,344 tons, the traffic between lake Erie and lake Superior amounted to 68,724,206 tons, or 86.2 per cent.

Traffic with lake Michigan ports comes second in total amount, although it is only about one-twelfth as great as the traffic between lake Superior and lake Erie, the figures

[1] Appendix, Table 3, p. 88, Statistics, 1911-15.

[2] Appendix Table 4, pp. 88-90, Statistics, 1911-15.

EAST- AND WESTBOUND DISTRIBUTION OF TOTAL TRAFFIC THROUGH CANADIAN AND AMERICAN CANALS AT SAULT STE MARIE. NAVIGATION SEASON 1913

FIG. 1 BY TOTALS

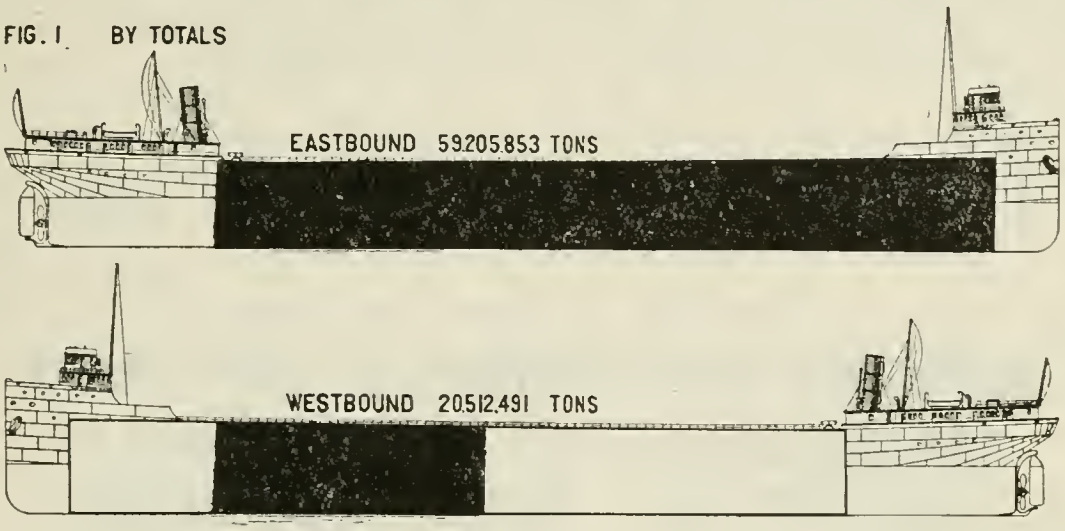


FIG. 2 BY PORTS OF ORIGIN

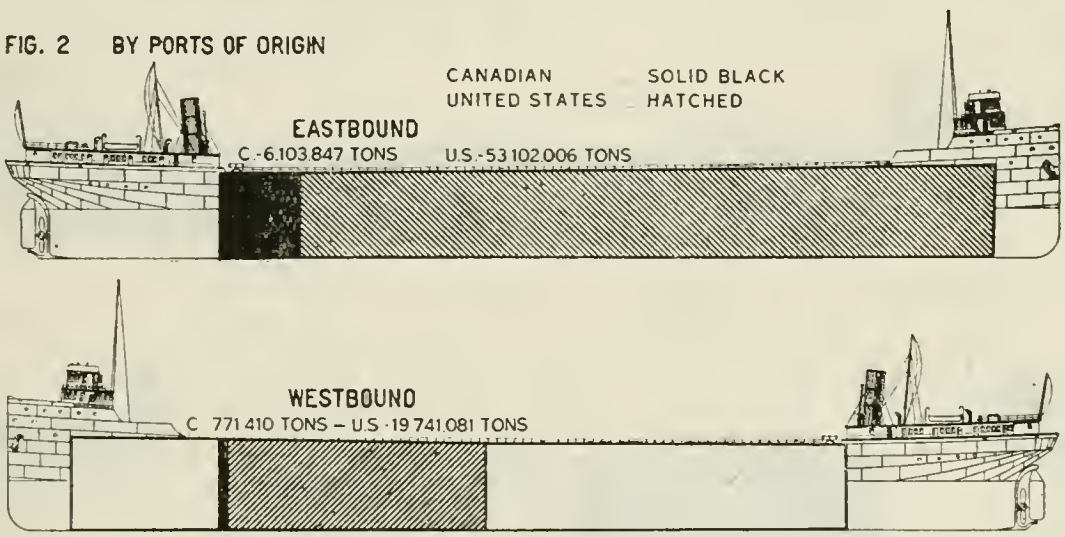
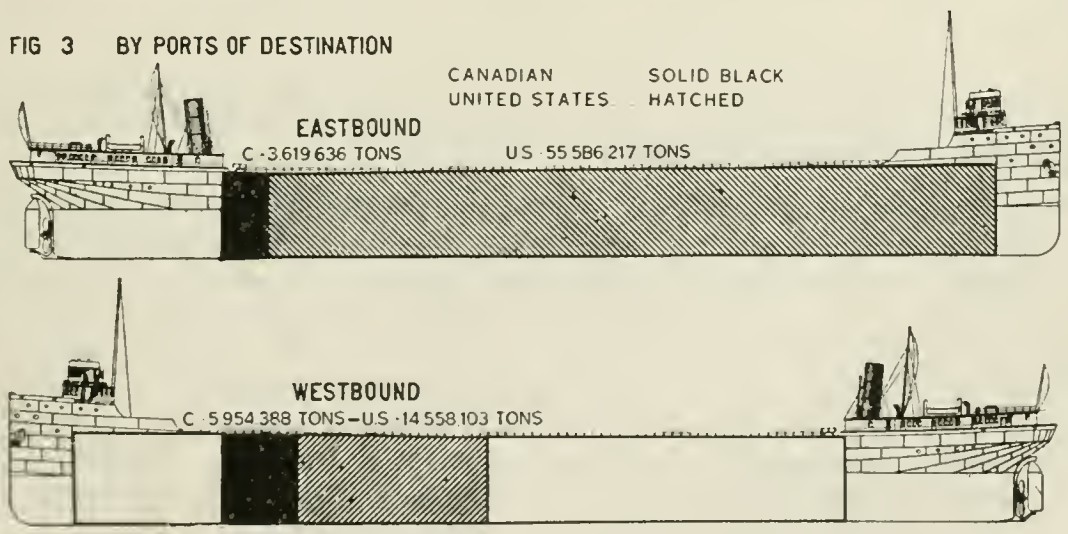


FIG 3 BY PORTS OF DESTINATION

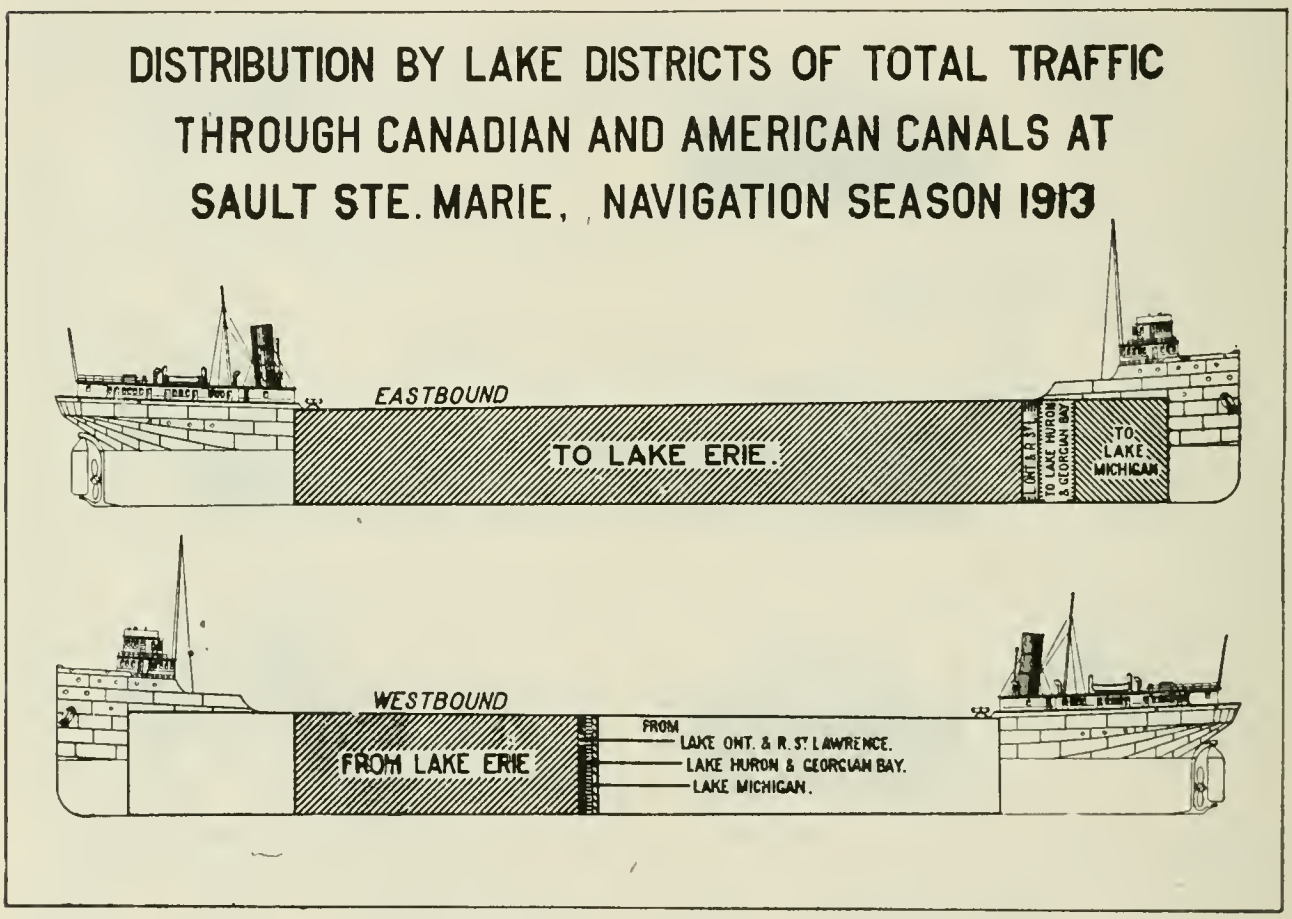


being 6,704,080 tons, or 8.40 per cent. Eastbound there was shipped to lake Michigan, 6,376,535 tons, or 10.77 per cent of the total, and from lake Michigan ports westbound there was shipped 327,545 tons, or 1.59 per cent of the total westbound freight.

Of the combined total eastbound and westbound, the traffic between lake Huron and Georgian bay and lake Superior amounted to 2,885,890 tons, or 3.62 per cent. To lake Huron and Georgian bay ports there was shipped eastbound, 2,445,945 tons, or 4.14 per cent; and westbound from lake Huron and Georgian bay ports, 439,945 tons, or 2.14 per cent.

Of the combined total eastbound and westbound, the traffic between lake Ontario and St. Lawrence river and lake Superior amounted to 1,404,168 tons, or 1.76 per cent. To lake Ontario and St. Lawrence river ports there was shipped 956,272 tons, or 1.61

DIAGRAM No. 2.


DISTRIBUTION BY LAKE DISTRICTS OF TOTAL TRAFFIC THROUGH CANADIAN AND AMERICAN CANALS AT SAULT STE. MARIE, NAVIGATION SEASON 1913
EASTBOUND
TO LAKE ERIE.
TO LAKE MICHIGAN
TO LAKE HURON & GEORGIAN BAY
L. ONT. & R. ST. L.
WESTBOUND
FROM LAKE ERIE
FROM
LAKE ONT. & R. ST. LAWRENCE.
LAKE HURON & GEORGIAN BAY.
LAKE MICHIGAN.

per cent, and from lake Ontario and St. Lawrence river ports there was shipped westbound 447,896 tons, or 2.18 per cent.

Canadian traffic by lake districts.[1]—Of a total traffic of Canadian origin amounting to 6,875,257 tons, 48·33 per cent, or 3,322,534 tons was traffic to and from lake Erie ports. Traffic with lake Huron and Georgian bay ports came second, with 2,361,375 tons, or 34.34 per cent. Traffic with lake Ontario and river St. Lawrence ports amounted to 1,107,317 tons, or 16.10 per cent. From Canadian ports on lake Superior to ports on lake Michigan there was shipped 84,031 tons or 1.22 per cent of the total.

In this traffic with lake Erie nearly all the freight was eastbound, very little freight westbound having originated at the Canadian ports on that lake. Lake Ontario and river St. Lawrence ports supplied a little over one-half of the westbound traffic, namely, 394,148 tons, or 51.09 per cent of the total Canadian westbound traffic. Lake Huron and Georgian bay ports supplied 353,395 tons, or 45.81 per cent.

[1] Appendix, Table 5, p. 91, Statistics, 1911-15.

The particulars are as follows:—

TOTAL Canadian traffic by lake districts—Navigation season, 1913.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	
From lake Superior eastbound to.....	713,169	11·68	3,298,667	54·04	2,007,980	32·89	84,031	1·38	6,103,847
To lake Superior westbound from..	394,148	51·09	23,867	3·09	353,395	45·81	.....	....	771,410
Combined total.	1,107,317	16·10	3,322,534	48·33	2,361,375	34·34	84,031	1·22	6,875,257

Of the total traffic originating at Canadian ports which was shipped to Canadian ports[1], lake Huron and Georgian bay had 52·10 per cent, lake Ontario and the St. Lawrence river, 29·02 per cent, and lake Erie, 18·87 per cent. When the westbound shipments are examined separately, lake Ontario and the St. Lawrence river stand first with 52·93 per cent, and then follow lake Huron and Georgian bay with 44·08 per cent, and lake Erie with 2·97 per cent. The particulars are as follows:—

CANADIAN traffic to Canadian ports by lake districts—Navigation season 1913.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	
From lake Superior eastbound to.....	713,169	23·29	694,592	22·68	1,654,098	54·02	....	.....	3,061,859
To lake Superior westbound from.....	388,666	52·93	21,867	2·97	323,700	44·08	.....	. ...	734,233
Combined total. . . .	1,101,835	29·02	716,459	18·87	1,977,798	52·10	.....	.....	3,796,092

Of the traffic originating at Canadian ports which was shipped to United States ports,[2] no less than 84·63 per ctnt was traffic with lake Erie, nearly all being eastbound grain shipments from Fort William and Port Arthur to United States ports on that lake. The eastbound shipments to United States ports on lake Huron are also chiefly grain to Port Huron.

[1] Appendix, Table 6, p. 92, Statistics, 1911-15.

[2] Appendix, Table 7, p. 93, Statistics, 1911-15.

The particulars are as follows:—

CANADIAN traffic to United States ports by lake districts—Navigation season 1913.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	
From lake Superior east-bound to.	.....	....	2,604,875	85·60	353,882	11·63	84,631	2·76	3,041,988
To lake Superior west-bound from.....	5,482	14·74	2,000	5·38	29,695	79·87	.....	.....	37,177
Combined total.	5,482	·17	2,606,875	84·63	383,577	12·46	84,631	2·73	3,079,165

United States Traffic by Lake Districts.[1]—Practically 90 per cent of all traffic originating at United States ports moves between lake Erie and lake Superior. Some large shipments of iron ore go to lake Michigan, and there are grain shipments to lake Michigan, to lake Huron and Georgian bay and to lake Ontario and the St. Lawrence river. Principally because of its coal shipments, lake Erie supplies 97·63 per cent of all United States traffic carried westward.

The particulars are as follows:—

TOTAL United States traffic by lake districts—Navigation season 1913.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	
From lake Superior eastbound to.....	243,103	·46	46,128,434	86·86	437,965	·82	6,292,504	11·85	53,102,006
To lake Superior west-bound from.....	53,748	·27	19,273,238	97·63	86,550	·43	327,545	1·66	19,741,081
Combined total.....	296,851	·41	65,401,672	89·78	524,515	·72	6,620,049	9·08	72,843,087

The chief features of United States traffic shipped to Canadian ports[2] are the large shipments from lake Erie, principally coal, the shipments of grain to lake Huron and Georgian bay and to lake Ontario and the St. Lawrence river. Part of this grain is Canadian grain shipped via Duluth and Superior, but as the shipment is from a port in the United States it is from the transportation standpoint United States traffic.

[1] Appendix, Table 8, p. 94, Statistics, 1911-15.

[2] Appendix, Table 9, p. 95, Statistics, 1911-15.

The particulars are as follows:—

UNITED STATES traffic to Canadian ports by lake districts—Navigation season 1913.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	
From lake Superior eastbound to.....	196,495	35·23	95,548	17·13	265,734	47·64	.....	...	557,777
To lake Superior westbound from.....	43,374	·83	5,097,086	97·64	3,694	·07	76,001	1·46	5,220,155
Combined total.....	239,869	4·15	5,192,634	89·87	269,428	4·66	76,001	1·31	5,777,932

United States traffic shipped to United States ports[1] may be examined in the following table:—

UNITED STATES traffic to United States ports by lake districts—Navigation season 1913.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	
From Lake Superior eastbound to.....	46,608	·08	46,032,886	87·61	172,231	·33	6,292,504	11·97	52,544,229
To lake Superior westbound from.....	10,374	·07	14,176,152	97·62	82,856	·57	251,544	1·73	14,520,926
Combined total. ...	56,982	·08	60,209,038	89·78	255,087	·38	6,544,048	9·75	67,065,155

[1] Appendix, Table 10, p. 96, Statistics, 1911-15.

NUMBER, CAPACITY AND NATIONALITY OF VESSELS.

How many vessels were engaged in 1913 in the carrying of the enormous freight tonnage which passed through the Sault Ste. Marie canals? Of what types and sizes were these vessels, and how does the classification of 1913 compare with the classifications of earlier years? How many were Canadian vessels and how many United States vessels, and how did they compare as to capacity and what proportions of the traffic were carried by each? These and many other points must prove of practical interest and perhaps of great importance.

The development in type of vessels employed in the lake Superior trade will indicate the results of experience in economy and efficiency of transportation. The division of the total traffic, or of the traffic on certain routes, between Canadian and United States vessels will throw light on the nature and limits of national competition in the carrying trade under the present coasting laws and the existing conditions of trade. What is the present "load factor" of vessels in this trade, that is, how well filled are they on the average, how does the load in one direction compare with the load in the other, and on one route with another, and how is the load distributed in each direction throughout the season? How does the "load factor" of Canadian vessels compare with that of United States vessels? Such matters must be understood before the relative development possible to the Canadian carrying trade can be estimated and before the probable advantages or limitations of a new water route can be judged.

Development of Canadian carriers.—While by comparison with that of the United States the Canadian mercantile fleet on the inland waters is small, it is yet of considerable size and its capacity has been steadily growing.[1] In diagram 3 (fig. 1) is presented the comparative increase in gross tonnage of vessels of Canadian and British register engaged in the carriage of passengers and freight on the Great Lakes and connecting waters, the river St. Lawrence between Kingston and Montreal, the Rideau canal, and the Ottawa river between Ottawa and Montreal; that is, on the inland waters west of Montreal to the head of lake Superior.

In actual number of vessels there has been no great change in recent years, but the type and size have improved. In the fiscal year 1899-1900 there were 242 vessels so engaged; in 1905-06 the number was 270; and in 1913-14 the number was 265.

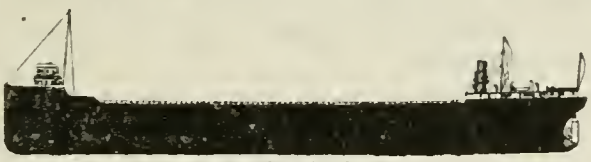
The size of the vessels thus registered for service on the above inland waters, as measured by the aggregate gross tonnage, was, in 1899-1900, 90,924 gross tons; in 1905-6, 157,625 gross tons; and in 1913-14, 310,176 gross tons. In 1913-14 there were five fewer vessels engaged than in 1905-6, but the aggregate size of the vessels had practically doubled. Larger vessels had been substituted for smaller vessels. The changes that have occurred in the aggregate size of vessels in the different classes, according to gross tonnage, are set forth in fig. 2 of diagram 3.

The great increase in capacity has been in the class of vessels of over 2,000 tons gross register (say, over 1,250 tons net register) and since 1908-9 the capacity of this class of vessels has been greater than that of any other class. A marked increase has also taken place in the aggregate capacity of vessels between 1,000 and 2,000 tons gross register. There has been an actual falling-off in the class of vessels between 500 and 1,000 tons gross register, while the capacity of vessels under 500 tons gross register has remained fairly constant, but in this smallest class the number of vessels has greatly decreased, showing that many of the very smallest vessels have been discarded and somewhat larger vessels substituted.

[1] Appendix, Table 18, p. 103, Statistics, 1899-1914.

DEVELOPMENT OF CANADIAN VESSELS ON INLAND WATERS.

GROSS TONNAGE OF VESSELS REGISTERED IN CANADA & GREAT BRITAIN ENGAGED ON THE GREAT LAKES AND CONNECTING WATERS. WEST OF MONTREAL.

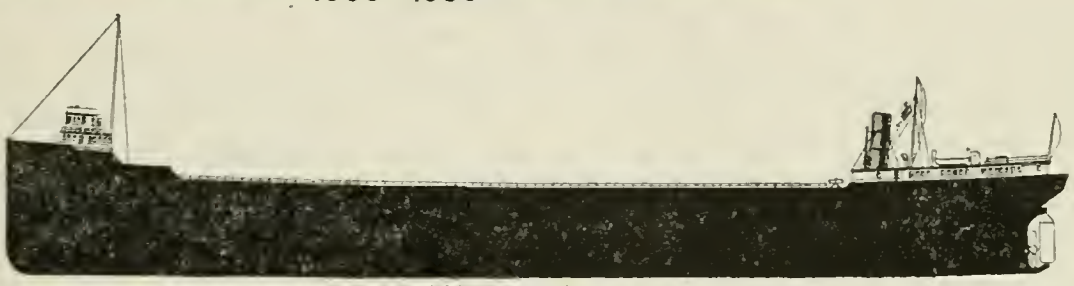


1899 - 1900

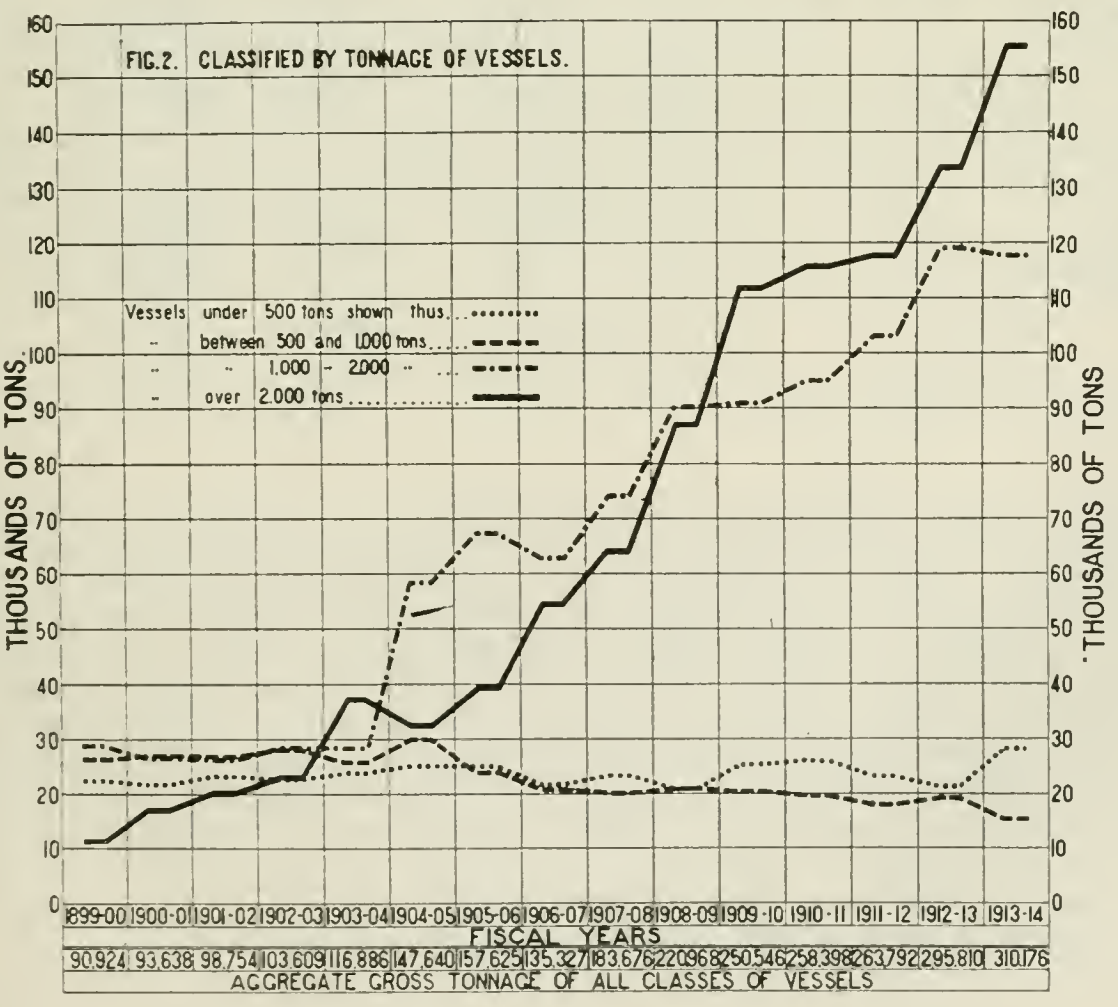
FIG. I. COMPARISONS OF AGGREGATE TONNAGE.

FISCAL YEAR	NO. OF VESSELS	GROSS TONNAGE
1899-1900	242	90,924
1905-1906	270	157,625
1913-1914	265	310,176

1905 - 1906



1913 - 1914



Of the above Canadian mercantile fleet, consisting in 1913-14 of 265 vessels of 310,176 tons gross register, or 214,580 tons net register, there passed through the Sault Ste. Marie canals in the navigation season of 1913,[1] 144 vessels of 170,558 tons net register; that is, 54·34 per cent of the number and 79·48 per cent of the capacity, showing that the larger vessels in the Canadian fleet were engaged in the Lake Superior trade to a greater extent than in the shorter trades.

In 1913,[1] 708 vessels of United States register, having a capacity of 1,807,412 net registered tons, passed through the Sault Ste. Marie canals. Compared with the Canadian, they were 4·91 times as numerous; their value was 8·31 times as great; and they had 10·59 times the capacity. On the average the United States vessels were thus very much larger than the Canadian, and had a relatively greater carrying capacity in proportion to capital invested. The United States vessels carried 15·17 times as much freight as Canadian vessels, and were thus more heavily loaded or made a greater number of trips. It should be noted, however, that Canadian vessels carried 47,825 passengers, while the United States vessels carried only 29,369 passengers. Relatively there were more passenger boats in the Canadian fleet. The particulars are as follows:—

CANADIAN VESSELS.

Class.	No.	Valuation.	Tonnage.		Passengers.
			Registered.	Freight Short Tons.	
Steamers	141	$15,155,700	167,381	4,816,355	47,825
Sailing	3	140,000	3,177	4,013	
Unregistered				109,231	
Totals	144	$15,295,700	170,558	4,929,599	47,825
UNITED STATES VESSELS.					
Steamers	594	$122,418,500	1,644,084	70,357,467	29,369
Sailing	114	4,707,000	163,328	4,256,809	
Unregistered				174,469	
Totals	708	$127,125,500	1,807,412	74,788,745	29,369
Grand Totals	852	$142,421,200	1,977,970	79,718,344	77,194

Total Traffic by Nationality of Vessels.[2]—Of the total eastbound freight traffic through the Sault Ste. Marie canals in 1913, 3,389,860 tons, or 5·72 per cent, was carried in Canadian vessels, and 55,815,993 tons, or 94·28 per cent, was carried in United States vessels; while of the total westbound freight traffic, 1,539,739 tons, or 7·50 per cent, was carried in Canadian vessels, and 18,972,752 tons, or 92·50 per cent, was carried in United States vessels. Of the combined eastbound and westbound total, 6·18 per cent was carried by Canadian vessels and 93·82 per cent by United States vessels.

Of the traffic originating at Canadian ports and amounting to 6,103,847 tons eastbound and 771,410 tons westbound, Canadian vessels carried of the former 3,165,610 tons, or 51·86 per cent, and of the latter, 761,535 tons, or 98·71 per cent; or of the

[1] Appendix, Table 11, pp. 97-98, Statistics, 1911-1915.

[2] Appendix, Table 4, pp. 88-90, Statistics, 1911-1915.

total eastbound and westbound combined, amounting to 6,875,257 tons, Canadian vessels carried 3,927,145 tons, or 57·11 per cent.

With regard to traffic destined to Canadian ports, of the total of 3,619,636 tons eastbound, Canadian vessels carried 3,286,109 tons, or 90·71 per cent; while of the total westbound, amounting to 5,954,388 tons, Canadian vessels carried 1,515,437 tons, or 25·40 per cent. Out of the total eastbound and westbound combined, Canadian vessels carried 4,798,546 tons, or 50·12 per cent.

Because of the coasting laws, Canadian vessels of course carried all the Canadian traffic destined to Canadian ports, but of the eastbound traffic originating at Canadian ports which was shipped to United States ports, amounting to 3,041,988 tons, Canadian vessels carried only 103,751 tons, or 3·41 per cent. Of the westbound traffic of Canadian origin destined to United States ports, amounting to 37,177 tons, Canadian vessels carried 27,302 tons, or 73·43 per cent.

Of the traffic originating at United States ports and shipped eastbound to Canadian ports, amounting to 557,777 tons, Canadian vessels carried 224,250 tons, or 40·2 per cent. Of the large westbound traffic of United States origin destined to Canadian ports, amounting to 5,220,155 tons, Canadian vessels carried 778,204 tons, or 14·90 per cent.

Distribution by Nationality of Vessels According to Lake Districts.[1]—Traffic between Lake Superior and Lake Ontario and River St. Lawrence ports is largely controlled by Canadian carriers. Out of a total eastbound of 956,272 tons, Canadian vessels carried 749,364 tons, or 78·36 per cent; and out of a westbound total of 447,896 tons, Canadian vessels carried 424,705 tons, or 94·08 per cent; or out of a combined total of 1,404,168 tons, Canadian vessels carried 1,174,069 tons, or 83·61 per cent.

The traffic with Lake Huron and Georgian Bay ports is also largely controlled by Canadian vessels. Of the eastbound total of 2,445,945 tons, Canadian vessels carried 1,820,349 tons, or 74·42 per cent; of the westbound total of 439,945 tons, Canadian vessels carried 345,854 tons, or 78·61 per cent; or of a combined total of 2,885,890 tons, Canadian vessels carried 2,166,203 tons, or 75·07 per cent.

Of the enormous traffic with lake Erie ports, Canadian vessels carried a very small portion; of the total eastbound business, 1·62 per cent, and of the total westbound business, 3·81 per cent, and of the combined total only 2·24 per cent. Nevertheless, Canadian vessels carried more tons of freight to and from lake Erie ports than to and from ports on lake Ontario and the St. Lawrence river.

With lake Michigan ports the traffic of Canadian vessels was relatively insignificant.

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[1] Appendix, Table 4, pp. 88-90, Statistics, 1911-1915.

The particulars of distribution by nationality of vessels by lake districts are as follows:—[1]

TOTAL traffic and percentages carried by Canadian and United States vessels according to lake districts—Navigation season 1913.

Direction.	Nationality of Vessels.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.	
		Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.	Total Tons.	Per Cent.
From lake Superior eastbound to	Canadian.	749,364	78·36	804,353	1·62	1,820,349	74·42	15,794	·24
	U. S.	206,908	21·64	48,622,748	98·38	625,596	25·58	6,360,741	99·76
Total eastbound		956,272		49,427,101		2,445,945		6,376,535	
To lake Superior westbound from	Canadian.	424,705	94·08	735,200	3·81	345,854	78·61	33,980	10·37
	U. S.	23,191	5·92	18,561,905	96·19	94,091	21·39	293,565	89·63
Total westbound		447,896		19,297,105		439,945		327,545	
Combined east and westbound totals	Canadian.	1,174,069	83·61	1,539,553	2·24	2,166,203	75·07	49,774	·75
	U. S.	230,099	16·39	67,184,653	97·76	719,687	24·93	6,654,306	99·25
Grand total		1,404,168		68,724,206		2,885,890		6,704,080	

[1] Appendix, Table 4, pp. 88-90, Statistics, 1911-1915.

LOAD FACTOR.

Cost of transportation per unit of cargo, and therefore the economic basis of freight rates, must depend largely on the load factor obtaining for the carriers. If a vessel has a full load each way on every trip it will operate at the maximum of efficiency and at the lowest cost per unit of cargo. The load factor may fall short of this ideal in two general ways; there may be enough freight in one direction to furnish full loads, but not enough in the opposite direction to furnish more than partial loads, or the freight may be offered so irregularly in either direction or in both directions that the loads vary throughout the season. To meet the requirements of any particular "trade" there must be vessels enough to carry the maximum amount of freight offering for shipment at any particular time. If, then, the freight does not continue to be regularly offered throughout the season, but if, for example, the amount in one period of the year is very much less than the amount in some other period, then the shipping either will be uneconomically employed in the slack months, or vessels must be diverted to other trades; and in either case average costs per unit of cargo will tend to be increased. In the same way, if outward and return freights are unequal, the number of vessels must be proportionate to the greater of these quantities, and the voyage in the opposite direction will not be fully efficient, which likewise will increase average costs per unit of cargo. Transportation costs per unit of cargo are therefore, other things being equal, lowest in that trade offering the most favourable load factor. Among the other general conditions determining costs are distance, or the comparative length of the voyage, and time, which is not necessarily in exact proportion to the number of miles to be travelled. We have thus three general factors affecting the economic basis of freight rates and therefore the relative advantages of competitive routes:—

(1) Distance, or the length of one route as compared with another. Certain costs are almost directly proportionate to distance travelled. In long-voyage trades the vessel can make fewer round trips in a season than in short-voyage trades, and must distribute its season's costs over a smaller number of cargoes. Put in another way, it takes a larger number of vessels to move the same amount of freight in a season over long routes than over short routes, and therefore the freight on the long route must meet the costs of the larger number of vessels.

(2) Time, or the period necessary for a round trip. If navigation on one route is rendered slower than on another because of obstructions, such as canals, or narrow or shallow waterways, requiring slower speeds, the costs on that route as compared with the more open route will be relatively higher. On the other hand, the length of time a vessel must spend in port in a season in loading and unloading must be taken into account. In short-voyage trades a vessel is in port more frequently than in long-voyage trades, and a greater proportion of its time is spent in loading and unloading. This will tend to modify the factor of distance in favour of the long-voyage trade. On one route half as long as another route a vessel will not be able to make quite twice as many voyages in a season because it will have to spend almost twice as much time in loading and unloading.

(3) Load factor, as discussed above.

General load factor in the Lake Superior Trade.[1]—Eastbound. in 1913, there passed through the Sault Ste. Marie canals, 29,067,251 net registered tons of shipping, carrying 59,205,853 short tons of freight. There were thus 2·03 short tons of cargo for every net registered ton of vessel capacity. A net registered ton equals 100 cubic feet of space, and the average long ton of freight is assumed to occupy 40 cubic feet. According to these accepted standards of measurement it may be assumed that a vessel can carry approximately 2½ long tons of average freight per registered ton.[2] There are many passenger and package freight vessels in the Lake Superior trade in which the freight capacity would fall much below the theoretical standard, and on many occasions vessels of all classes must have sailed with comparatively light loads. In view of these conditions, and even allowing for the difference between the short ton and the long ton, an average record for a total season of 2·03 short tons of cargo for every net registered ton that passed through the canals is remarkable. Such results could occur probably only in a trade in which a large proportion of the freight consisted of heavy bulk commodities such as iron ore, of which, upon occasion, more than 2½ long tons could be loaded into each registered ton of space. In view of the above figures it may fairly be said, therefore, that the freight boats in the Lake Superior trade went east with full loads, and to this extent approached the ideal of economic loading in that direction.

On the return trips westbound, however, only 20,512,491 short tons of freight were carried, or only a little over one-third of the freight carried on eastbound trips. The exact ratio was 2·88 eastbound to 1 westbound. In 1912 the ratio was 3·23 to 1, and in 1911, 2·13 to 1. This disparity between eastbound and westbound traffic is a departure from ideal conditions; but there are few trades in the world in which freight is even approximately equal in both directions, and a ratio of 2 or 3 to 1 cannot be regarded as exceptionally unfavourable.

The second important condition of satisfactory traffic is the regularity with which freight is offered throughout the season. A vessel might sail full on every trip it made, but might not be able to make regular trips because freight was not available at all times; or a greater quantity of freight might be offered in one month, necessitating the employment of a large number of vessels, while in some other month, or months, comparatively little freight might be offered, causing the laying-up of certain vessels or their diversion to other trades. The vessels remaining in the trade might continue to carry good loads, but the general load factor of that trade would become unfavourable.

Monthly Distribution of Eastbound and Westbound Traffic.[1]—In diagram 4 the quantities of freight carried in each month of the navigation season are shown for the years 1913, 1912, and 1911. The solid black columns represent the quantities of eastbound freight, and the hatched columns the quantities of westbound freight. The full months of open navigation on the Great Lakes are May to November, inclusive. Ordinarily navigation is open for a week or two at the end of April, and, at increased insurance, the season is extended at least until the 10th of December. April and December are thus short months. Comparing the heights of the solid black columns it is seen that the eastbound freight is offered with great regularity, November showing the smallest quantity, due to the falling-off in iron ore shipments after the first heavy frosts. Still more remarkable under the conditions, however, is the evenness of the westbound shipments. With only about one-third of a load for the mercantile fleet in that direction, the westbound freight is distributed throughout every month of the navigation season. The fleet could carry all the westbound freight in less than three

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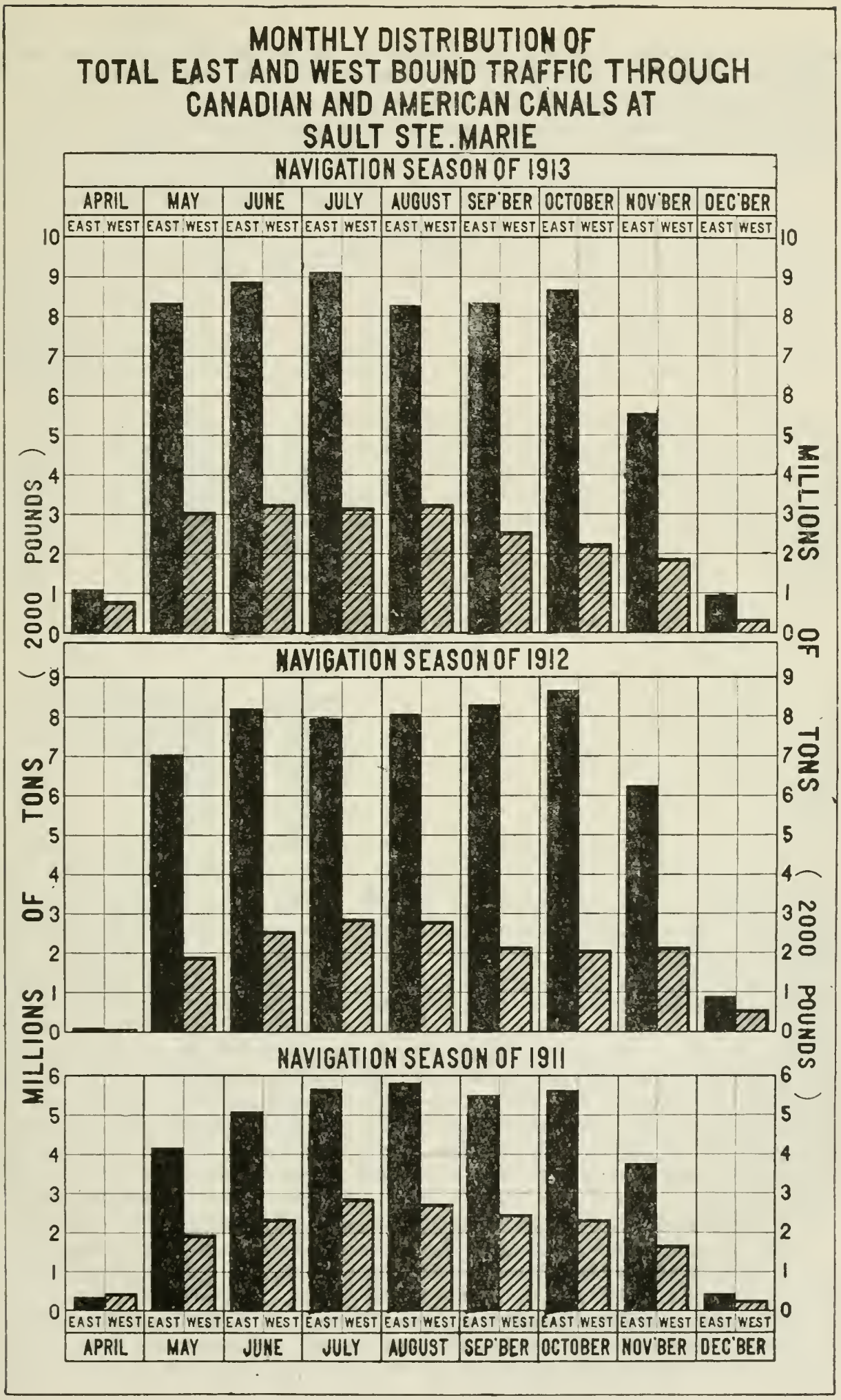
[1] Appendix, Table 16, p. 101, Statistics, 1911-1915.

[2] Buoyancy differs with types of construction and this theoretical standard could not often be reached under actual loading conditions.


MONTHLY DISTRIBUTION OF
TOTAL EAST AND WEST BOUND TRAFFIC THROUGH
CANADIAN AND AMERICAN CANALS AT
SAULT STE. MARIE
NAVIGATION SEASON OF 1913
NAVIGATION SEASON OF 1912
NAVIGATION SEASON OF 1911
APRIL
MAY
JUNE
JULY
AUGUST
SEP'BER
OCTOBER
NOV'BER
DEC'BER
EAST
WEST
MILLIONS OF TONS (2000 POUNDS)
MILLIONS OF TONS (2000 POUNDS)

months, but, instead, it receives about one-third of a load for each trip. The monthly distribution of traffic in this trade therefore approximates the ideal, assuming that the ratio of eastbound to westbound must be 2 or 3 to 1.

The detailed figures showing the tons of freight carried each month in relation to the total net registered tonnage passing through the canals are as follows:—

FREIGHT tons per registered ton by months—season of 1913.

EASTBOUND.

Month.	Net Registered Tonnage.	Freight Carried.	Freight Tons per Ton Registered.
April	568,591	1,098,123	1·93
May	4,116,487	8,332,178	2·02
June	4,301,178	8,855,821	2·05
July	4,379,149	9,107,569	2·07
August	4,036,966	8,263,273	2·04
September	4,073,226	8,348,801	2·04
October	4,233,721	8,675,590	2·04
November	2,868,919	5,574,135	1·94
December	489,014	950,363	1·94

WESTBOUND.

April	948,742	807,432	·85
May	4,069,577	3,044,017	·74
June	4,339,264	3,257,792	·75
July	4,317,853	3,170,555	·73
August	3,996,387	3,226,169	·80
September	4,051,030	2,561,564	·63
October	4,300,612	2,243,684	·52
November	2,641,354	1,871,042	·70
December	257,645	330,236	1 28

The highly favourable general load factor in the lake Superior trade, due to the satisfactory loading and to evenness of distribution throughout the season, must determine the economic basis of freight rates in this trade, and must to a large extent dominate the whole problem of transportation on the Upper Lakes. If the routing of any large proportion of the traffic in either direction were changed in such a way as to alter the average load factor, then the economic basis of freight rates could not remain what it was in 1913. The route with the more favourable load factor could at a certain point successfully compete against the route with the less favourable load factor, even against some decreased cost of navigation on the latter route. Again, if the load factor presented by traffic of Canadian origin happened to be less favourable than the load factor presented by traffic of United States origin, then Canadian traffic would tend to be subject to somewhat higher costs if handled exclusively by itself. If Canadian vessels attempt to operate on a less favourable load factor than United States vessels then they must be content to earn less profits, or at times perhaps even no profits at all.

Load Factor of Canadian Traffic.—Taking by itself the traffic originating at Canadian ports in 1913, we have 6,103,847 tons eastbound and 771,410 tons westbound, or a ratio of 7·91 to 1. This may be compared with the general ratio for all traffic of both Canadian and United States origin combined of 2·88 to 1. If the Canadian traffic had been handled separately, the vessels which carried the eastbound load would on the return trips have had only 12·64 per cent of their cargo space filled, instead of the

actual 34·75 per cent which, on the average, fell to all vessels engaged in the combined lake Superior trade that season.

With traffic of United States origin, the ratio of eastbound to westbound in 1913 was 2·69 to 1. If this traffic had been handled entirely by itself, the vessels which carried the eastbound loads would on the return trip have had 37·17 per cent of their space filled. Traffic of United States origin therefore presented from the transportation standpoint a much more favourable ratio than traffic of Canadian origin.

In 1911 the ratio with respect to traffic of Canadian origin was 4·09 eastbound to 1 westbound; in 1912, 4·70 to 1; and in 1913, as we have seen, 7·91 to 1. During these three years the ratio grew less favourable, due to the fact that the eastbound shipments of Canadian grain increased to a much greater extent than the westbound shipments of Canadian goods. With respect to United States traffic, the ratio in 1911 was 2·05 to 1; in 1912, 3·15 to 1; and in 1913, 2·69 to 1. In each of these years, therefore, the ratio for United States traffic was more favourable than that for Canadian traffic.

The second condition for a satisfactory load factor is evenness of distribution throughout the season. It is not practicable with the material now available to present separate diagrams of the monthly distribution of Canadian traffic and of United States traffic along the same lines as diagram 4, which represents the monthly distribution of the total combined traffic, but it is possible to give in tons the monthly shipments of grain from Fort William and Port Arthur, which in 1913 were as follows:—

	Tons.
April	305,260
May	703,704
June	316,718
July	415,110
August	191,160
September	209,927
October	1,353,071
November	1,172,559
December	845,942
Total	5,513,451

As grain forms the greatest part of the Canadian eastbound traffic, the above distribution may be accepted as approximately representing the distribution of eastbound Canadian traffic as a whole. Diagram 5 presents, in the solid black line, this monthly distribution worked out according to percentages, that is, the quantity shipped in each month is reduced to a percentage of the total amount of Canadian grain shipped in a season; and comparison is made with the distribution in percentages, similarly worked out, of the total combined eastbound traffic, as shown in the dotted line. Taking the months of May to October, for example, it will be seen that only about 3·47 per cent of the total season's Canadian grain load was carried in August, while 24·54 per cent was carried in October, and that wide variations existed also in the other months. But with the total combined traffic the monthly percentages remained within remarkably narrow limits, varying only between 13·96 per cent and 15·38 per cent. If we deduct Canadian grain from the total eastbound traffic the range of the balance would be only between 13·64 per cent and 16·19 per cent in the same months.

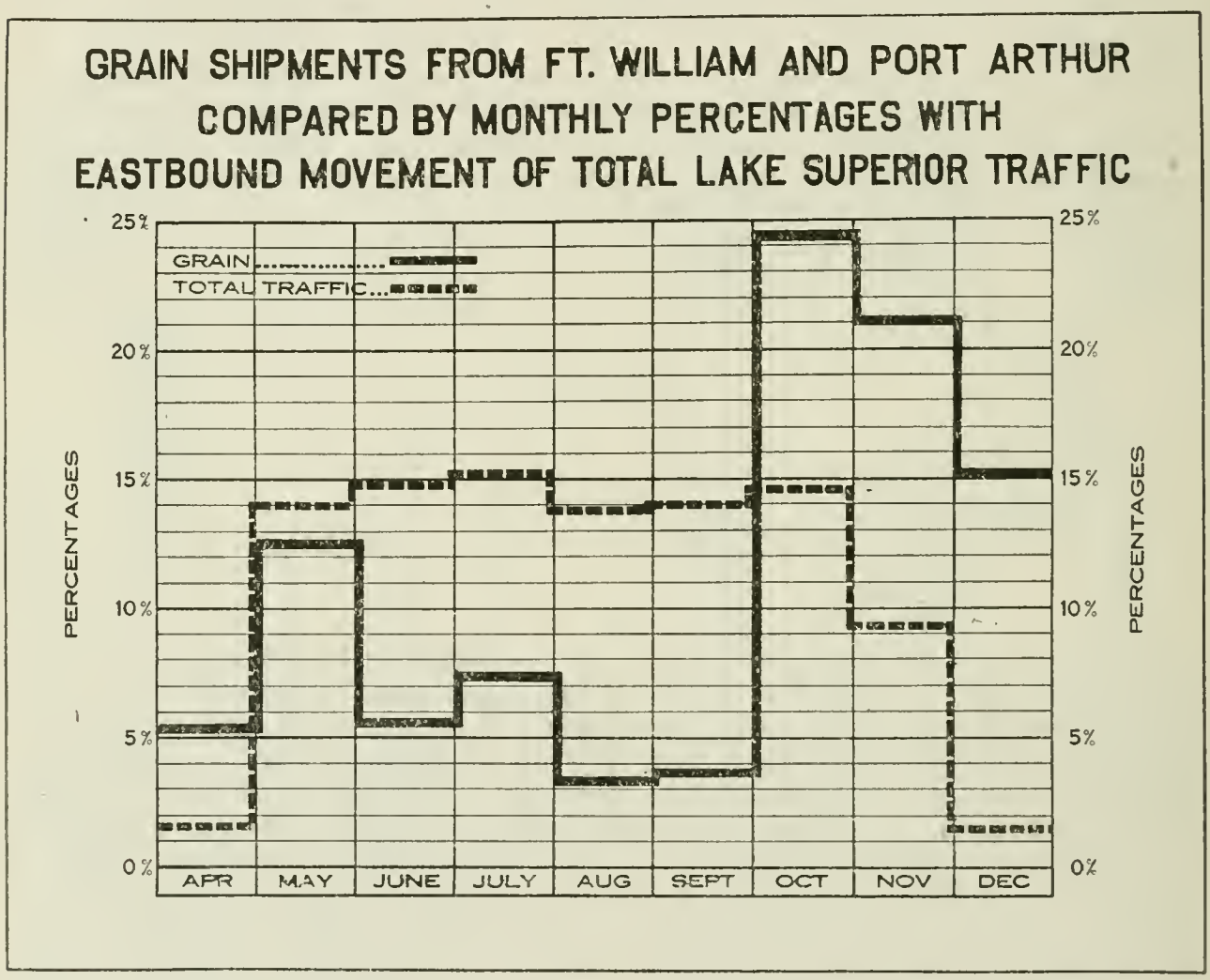
It is evident, therefore, that the load factor presented by Canadian traffic is much less favourable than that presented by United States traffic.

In this examination of traffic movement in the lake Superior trade, only general totals are taken into consideration. Any general conclusions indicated by the statistics here presented must be re-examined in the light of further analysis of details. In the matter of load factor, for example, the nature of the freight shipped must be taken into account. Bulk commodities and package freight present somewhat different

problems. United States traffic offers large quantities of bulk freight in both directions, while the bulk freight of Canadian origin is practically all in one direction, and consists of eastbound grain. This fact probably increases the unfavourable position of the load factor in Canadian traffic.

Load Factor of Canadian Vessels.[1]—Under the conditions prevailing in the lake Superior trade, actual and potential competition must exist between the mercantile fleets of Canada and the United States. Operating side by side in the same waters, there would be a tendency towards the same standards of service and of profits even if, by legislation, the spheres in which the respective fleets could operate were kept entirely separate. As it is, however, the coasting laws of the two countries leave

DIAGRAM No. 5.



open to competition all that portion of the traffic of the two countries which passes, or can be made to pass, from a port in one country directly to a port in the other country, either because the goods so shipped are destined to the latter country for consumption or can pass in transit through that country on favourable terms. There was thus open to competition in 1913, theoretically at least, all the traffic that was not carried directly from one Canadian port to another Canadian port and from one United States port to another United States port. Subtracting this coasting traffic from the totals, there remained 3,599,765 tons eastbound and 5,257,332 tons westbound open to competition. Canadian vessels were free, so far as legislative restrictions are concerned, to carry all of this traffic, and so were United States vessels. As a matter of fact this traffic was divided, the Canadian fleet securing 328,001 tons,

[1] Appendix, Table 4-12 to 15, pp. 88-98 to 100, Statistics, 1911-15.

or 9·11 per cent of the eastbound, and 805,506 tons, or 15·32 per cent of the westbound, or 12·79 per cent of the combined total. In proportion to the relative carrying capacities of the two fleets, the Canadian fleet secured somewhat the larger share. By adding competitive traffic in the above amounts to the traffic that exclusively belonged to it as being billed from one Canadian port to another Canadian port, the Canadian fleet changed an unfavourable load factor into one that was much more favourable.

More important, perhaps, than the mere statistical examination of the facts of the competitive division of traffic in the Great Lakes is the question of the extent to which competition does or may determine the diversion of traffic. Canadian grain from Fort William and Port Arthur for Europe can, for example, follow Canadian routes to a Canadian ocean port, it can go to certain United States lake ports and pass back from them to Canadian routes and ocean ports, or it can move through Canadian lake ports to United States ocean ports, or can directly take United States routes to United States ocean ports. The same is true of United States export grain from Duluth and Superior. Goods destined for lake Superior from the Eastern States have under certain conditions the choice between a Canadian lake port and a United States lake port. These are but examples of the alternatives that enlarge the possibilities of competition. How far do competitive conditions in lake shipping determine the routing of such traffic?

Goods are routed by the shipper, and either at his own discretion or on instructions of the consignee. In the routing, for example, of so much Canadian export grain to United States lake and ocean ports, is the decision of the shipper determined by such conditions as lower freight rates by United States vessels or to United States lake ports, or by a shortage of suitable Canadian vessels, necessitating the engaging of United States vessels which must sail to a United States lake port; or are the causes found, not in the lake shipping conditions at all, but in facilities beyond the lakes, such as the supply of ocean tonnage at the different ports of export?

In the general facts now under consideration, certain points may be noted having a bearing on these questions. The Canadian fleet, as it existed in 1913, carried all the Canadian grain and other goods actually routed from one Canadian port to another Canadian port, and in addition was able to carry eastbound 103,751 tons from Canadian to United States ports and 224,250 tons from United States ports to Canadian ports, and westbound picked up more than half its total load at United States ports. Again, the Canadian fleet eastbound carried on the average only 19·87 freight tons per registered ton of capacity, while the United States fleet carried 30·88 freight tons per registered ton. Even making allowance for the proportion of passenger and package freight boats, it would appear that the Canadian fleet could have carried a larger amount of freight than it did carry, at least if the freight had been regularly offered. That on the average for the season the Canadian fleet could have carried more Canadian traffic to Canadian ports, if it had been so billed, does not, of course, mean that at times of exceptionally heavy offerings of freight the Canadian fleet may not have been found inadequate.

That the Canadian fleet shares in the competitive traffic shows that it is able to meet competitive freight rates, and indeed it is obvious from all the facts that freight rates in the lake Superior trade must tend to be the same for like services with all vessels. If Canadian vessels could not, on the whole, give as favourable rates as United States vessels, they could not, with the various alternative routings possible, hold even the proportion of the traffic they carried in 1913. Two questions arise here: How are Canadian vessels able to meet the rates of United States vessels, and why is the Canadian fleet the size it is, that is, why is it not bigger or smaller? The load factor the Canadian fleet can establish must largely determine these matters.

If the Canadian fleet had carried all the traffic originating at Canadian ports, the ratio of its eastbound to its westbound load would have been 7·91 to 1. If it had been

confined to the Canadian traffic routed to Canadian ports, the ratio would have been 4·17 to 1. Both these ratios would have been unfavourable as compared with the general ratio in the lake Superior trade of 2·88 to 1. The Canadian fleet actually secured a ratio of 2·20 to 1. This result was due to its carrying eastbound only 3,165,610 tons, or 51·86 per cent, of the traffic originating at Canadian ports, and in addition, 224,250 tons originating at United States ports, and carrying westbound practically all the traffic originating at Canadian ports in the east, or 761,535 tons, which was 98·71 per cent of the total westbound Canadian traffic, and then adding 778,204 tons loaded at United States ports. The Canadian fleet carried eastbound a little more than one-half the Canadian eastbound traffic, and carried westbound a little more than double the amount of the Canadian westbound traffic.

The amount of Canadian traffic carried by United States vessels, although a large percentage of all Canadian traffic, was relatively less important to the United States fleet than was the United States traffic to the Canadian fleet. Eastbound the United States fleet carried 2,938,237 tons, or 48·14 per cent of all the traffic originating at Canadian ports, but this amounted to only 5·26 per cent of the total eastbound load of the United States fleet. Westbound the United States fleet carried only 9,875 tons of Canadian traffic, or 0·05 per cent of its total westbound load. Its participation in Canadian traffic did not improve the general load factor of the United States fleet, for the ratio between the eastbound and westbound Canadian traffic carried by it was 297·54 to 1, but the Canadian traffic was relatively so small that it could be carried on occasional trips when other equally satisfactory cargoes did not happen to be offering.

In comparing the ratio for the Canadian fleet of 2·20 to 1 with the ratio of the United States fleet of 2·94 to 1, loading must be taken into account. Eastbound, as we have seen, the Canadian fleet carried relatively lighter loads, and even westbound it carried 9·03 freight tons per registered ton to 10·49 freight tons carried by the United States fleet. On the other hand, it carried a bigger proportion than the United States fleet of package freight, which is perhaps more profitable, and more passengers. If the Canadian fleet had on the average a longer route than the United States fleet, because more of its vessels made the long water trip to Montreal, this would modify the appearance of the figures of loading, since the vessels on longer routes cannot make so many trips in the season, and therefore cannot carry so many tons of freight. But it is doubtful if the route of the Canadian fleet is quite as long as that of the United States fleet, for the Canadian fleet carried 53·69 per cent of its load on the short route to lake Huron and Georgian bay, and only 22·10 per cent to lake Ontario and the St. Lawrence River ports, while the United States fleet carried 87·11 per cent of its load to lake Erie.

In their trade with lake Huron and Georgian bay ports, the Canadian vessels carried 1,820,349 tons eastbound and 345,854 tons westbound, an unfavourable ratio of 5·26 to 1. In their trade with lake Erie ports, however, the Canadian vessels carried 804,353 tons eastbound and 735,200 tons westbound, which gives the remarkably favourable ratio 1·09 to 1. In the trade with lake Ontario and River St. Lawrence ports, Canadian vessels carried 749,364 tons eastbound and 424,705 tons westbound, a ratio of 1·76 to 1. In the small trade with lake Michigan the Canadian vessels carried eastbound 15,794 tons, and westbound 33,980 tons, or a reversed ratio of 1 to 2·15. Lake Erie therefore offered the best load factor for Canadian vessels, at least for the bulk freighters. The second best load factor was found in the trade with lake Ontario and St. Lawrence ports, the westbound freight including 36,195 tons picked up at United States ports, and probably chiefly hard coal. The lake Ontario boats westbound could, of course, pick up soft coal at United States ports on lake Erie, but the carriage of soft coal is largely left to the bulk freighters, which cannot at present engage in the lake Ontario and St. Lawrence river trade. Grain freight rates on the shorter Georgian bay route are generally the same as to lake Erie ports, but the longer route presents a more favourable load factor.

On account of its containing a larger proportion of small and medium-sized vessels the Canadian fleet might appear to be at a competitive disadvantage so far as economy of handling is concerned. Vessels up to about 2,000 tons net register are, however, able to compete in the open lake trade, because they are better adapted to the package freight business, and they besides have the trade through the Welland and St. Lawrence canals entirely to themselves.

Vessels Carrying Canadian Grain.—Two special statements were prepared from the official records at Fort William and Port Arthur covering the seasons of 1911-12-13, the one containing the name, nationality, and registered tonnage of each vessel carrying grain from those ports with the details of its cargo, the date of clearance and the port to which it sailed, and the other containing the name, nationality, capacity, and amount of cargo of each vessel delivering coal to those ports, with the date on which each cargo was entered for unloading. Compilations of details in these two statements are interesting in connection with a study of the real nature of the traffic in the lake Superior trade and of the competition between Canadian and United States vessels.[1]

The following table shows the tons of grain carried from Fort William and Port Arthur in the season of 1913 by Canadian vessels and by United States vessels, in each case classified according to net registered tonnage:—

VESSELS Carrying Grain from Fort William-Port Arthur—Season of Navigation, 1913 (Classified).

Registered Tonnage (Between).	Number of Vessels.	Amount Carried (Short Tons).	Percentage of Total Carried.
Canadian Vessels:—			
1 and 1000	15	111,145	4·10
1000 " 2000	67	1,582,673	58·45
2000 " 3000	11	429,386	15·85
3000 " 4000	1	120,720	4·46
4000 " 5000	5	463,791	17·13
5000 and over			
Total	99	2,707,715	
United States Vessels:—			
1 and 1000			
1000 " 2000	25	228,636	8·91
2000 " 3000	17	267,075	10·41
3000 " 4000	74	935,165	36·46
4000 " 5000	38	596,316	23·24
5000 " 6000	31	513,336	20·00
6000 and over	2	25,052	0·98
Total	187	2,565,880	

It will be noted that there were practically twice as many United States vessels engaged as Canadian vessels, and that the United States vessels were on the average very much larger in capacity, yet the United States vessels did not carry as much grain as the Canadian vessels, the explanation being found in the fact that a majority of the United States vessels made only one trip with Canadian grain in the season,

[1] Specially compiled from statistics at the port of Fort William-Port Arthur, courtesy Board of Grain Commissioners.

while many of the Canadian vessels were steadily employed in carrying grain throughout the season, one Canadian vessel having taken as many as twenty-eight loads.

The number of loads per month taken by Canadian and United States vessels is as follows:—

Loads of Grain per Month from Fort William and Port Arthur.

Month.	Canadian Vessels.	United States Vessels.
April	43	7
May	122	32
June	96	19
July	107	11
August	74	7
September	83	22
October	149	89
November	145	110
December	30	55
Totals	849	352

These figures illustrate the irregularity of grain shipments. Canadian vessels, on the average, carried 8·57 loads for each vessel engaged, while the United States vessels carried but 1·88 loads per vessel. The Canadian grain fleet was apparently engaged to something approaching full capacity only in the months of May, October, and November. In October, and particularly in November, shipments direct all-water to Montreal tend to fall off and the boats double up on the shorter routes and can thus make more trips.

The large proportion of Canadian vessels under 2,000 tons net register, 67 out of 99, or more than two-thirds, is notable. These vessels carried 62·55 per cent of the grain carried by Canadian vessels, or 32·12 per cent of the total grain carried by all vessels. Vessels of this size can use the Welland and St. Lawrence canals, but these vessels actually carried from Fort William and Port Arthur more than four times the grain that travelled direct to Montreal by water, and they therefore successfully engaged in the open lake competitive traffic, and, as pointed out, are probably able to do this because of the return package freight business.

By comparing the list of vessels carrying grain from Fort William and Port Arthur with the list of vessels carrying coal to those ports, it is possible to determine the direct relationship between the coal and grain traffic in so far as those ports are concerned. It might be supposed that if Fort William and Port Arthur received 4,217,248 tons of coal and shipped out 5,273,595 tons of grain, the vessels that unloaded coal would simply move from the coal dock to the grain elevator and fill up with grain for the return trip. The load factor offered by these two bulk commodities in that year at those ports was extraordinarily favourable. As a matter of fact, however, there was only a slight relationship between these two traffics in so far as United States vessels were concerned. United States vessels carried 3,609,496 tons of coal to Port Arthur and Fort William, and United States vessels carried 2,565,880 tons of grain from those ports, but only occasionally did the vessel that brought coal load grain, or the vessel that went east with grain return with coal. Only 397,413 tons of the total coal load of United States vessels to those ports, or 11·10 per cent, can thus be traced into a direct relationship with the grain-carrying traffic of United States vessels from Port Arthur and Fort William. Most of the United States vessels, after unloading coal, sailed light to load iron ore or some other freight at other ports. Other vessels, mostly light, came in to load grain. In November and December, after

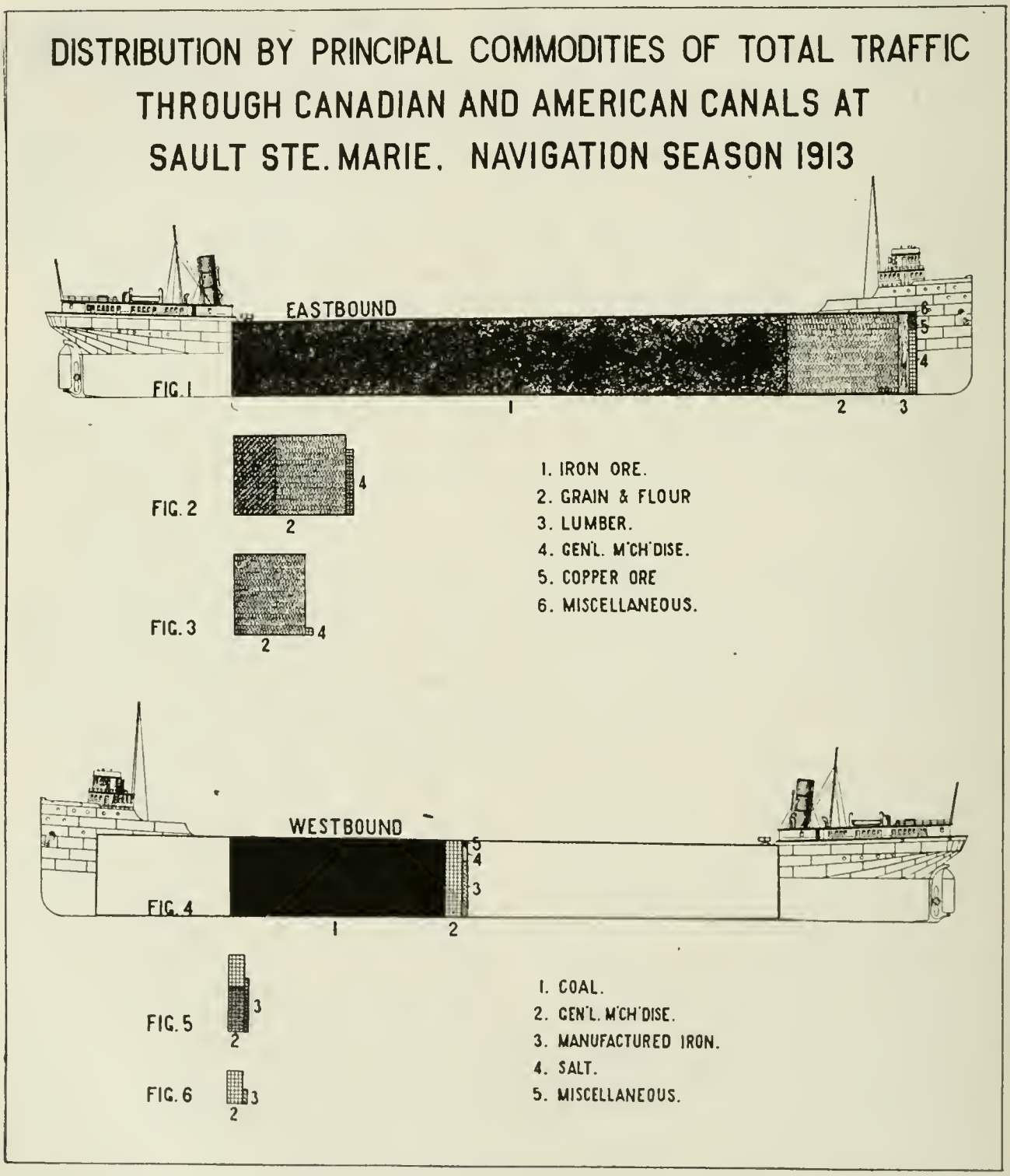
the ore trade falls off, there is a much more direct relationship between the two traffics. Of the 637,640 tons of coal carried to Fort William and Port Arthur by Canadian vessels, no less than 389,873 tons, or 64·11 per cent, was carried by vessels that immediately loaded grain, or had returned with coal after carrying down a cargo of grain. This means that the portion of the Canadan grain fleet, consisting of bulk freighters, or at least such bulk freighters as were on the route to lake Erie ports, pretty regularly loaded coal back. The facts, particularly with regard to the United States vessels, tend to show that the movements of lake vessels are determined by general conditions rather than by the traffic conditions peculiar to individual ports. Iron ore and coal probably dominate the whole position, the remaining traffic being more or less incidental, except with the smaller vessels. The participation of United States bulk freighters in Canadian traffic, and their actual or potential competition in this traffic, must largely be determined by conditions in the iron ore and coal traffic.

As nearly all the iron ore traffic falls to United States vessels under the coasting laws, Canadian bulk freighters must so adjust their loads of grain and coal as to be able to meet the competition of United States vessels on the basis of the standards set in the iron ore and coal trades. In November about one-third of the United States fleet is laid up or diverted to other trades, and so during that month and in December plenty of United States tonnage has been available for the Canadian grain traffic when rates have been made sufficiently attractive.

TOTAL TRAFFIC BY PRINCIPAL COMMODITIES.

In diagram 6, figures 1 and 4, there is presented graphically an analysis of the total eastbound and the total westbound traffic through the Sault Ste. Marie canals,

DIAGRAM No. 6.



according to the commodities carried. The figures for the season of navigation of 1913 are as follows:—[1]

[1] Appendix, Table 17, p. 102, Statistics, 1911-14.

	Tons.	Per cent.
Eastbound—		
Iron ore	48,076,977	81·20
Grains, including flour	9,632,792	16·26
Lumber	978,697	1·65
General merchandise	403,068	·69
Copper	85,378	·14
Building stone, sand, pig-iron, etc	28,941	·04
Total	59,205,853	
Westbound—		
Coal	18,622,938	90·84
General merchandise	1,367,792	6·66
Manufactured iron	380,152	1·85
Salt	108,997	·53
Miscellaneous	32,612	·15
Total	20,512,491	

Iron ore constitutes 81·20 per cent of the total combined eastbound traffic of both countries, while coal constitutes 90·84 per cent of the combined westbound traffic. The combined eastbound shipments of grain and flour rank third in total quantity, but the iron ore traffic is nearly five times as great as the grain and flour traffic, and the coal traffic is almost twice as great. Other classes of commodities, however valuable they may be in themselves, are almost insignificant when quantities are compared. It may almost be said that traffic in the lake Superior trade consists of iron ore in one direction and coal in the other direction, with occasional loads of grain and flour and a little miscellaneous cargo. Both the iron ore and the coal are United States products, and most of the iron ore is carried to lake Erie ports as being nearest to points of consumption, while the coal is shipped from the same ports as being most convenient to points of production. These facts account for the enormous vessel tonnage in the lake Superior trade, for the fact that the shipping is so largely of United States register, and for the fact that 83·48 per cent of all the traffic passing through the Sault Ste. Marie canals is in the trade with lake Erie.

From the standpoint of the proposed Georgian Bay canal it will be important to determine, in the first place, what proportion of the existing traffic in the lake Superior trade might be diverted to the new route or might be beneficially affected by the new route to the national advantage of Canada, and in the second place, what increase in traffic is likely to occur in the future in each of the principal classes of commodities, or to what extent the new route might facilitate such increase by rendering new markets available or decreasing the cost to present markets.

If nearly all the iron ore shipped in 1913 (fig. 1, No. 1) was destined to industrial plants within the distributing areas controlled by Chicago, Gary, and the lake Erie ports, then that portion of the traffic could not have been diverted to a Georgian Bay canal. Most of the lumber (fig. 1, No. 3) was United States coasting traffic, and in any case would not likely have moved down the Ottawa valley in competition with the lumber of that district. The copper ore (fig. 1, No. 5), like the iron ore, was destined to industrial plants out of the competitive range of the proposed canal; and the miscellaneous traffic (fig. 1, No. 6) was largely building stone and sand, and, therefore, strictly local in character. If, after careful investigation, it should be decided that the traffic that existed in 1913 in the above classes of goods could not have been diverted, then there would be left for further consideration the classes consisting of grain and flour and general merchandise (fig. 1, Nos. 2 and 4). The quantities represented by these two classes would compare with the total traffic as fig. 2 with fig. 1. The shaded portions of fig. 2 (grain and flour, 3,543,134 tons; general merchandise, 359,283 tons) represent the United States coasting traffic in these two classes, with this exception that grain grown in Canada but shipped from Duluth-Superior is in this case not included as United States traffic. The spring wheat grown

in the United States and shipped from Duluth-Superior is, unless with crops of more than average size, nearly all milled in the United States, little being exported to Europe in the form of wheat. The surplus of winter wheat shipped from Chicago is thus rather more open to the competition of Canadian routes than is the wheat shipped from Duluth-Superior. If, now, it be desired to compare the balance of the traffic not subject to these doubts or limitations with the total traffic, fig. 3 (grain and flour 6,089,658 tons; general merchandise, 44,785 tons), in which the shaded portions of fig. 2 are left out, may be compared with fig. 1.

Treating westbound traffic in the same way, it is clear that the coal shipped in 1913 (fig. 4, No. 1), being Pennsylvania coal, would not have used a Georgian Bay canal. The salt (fig. 4, No. 4), in so far at least as it was Canadian traffic, was probably shipped from the Windsor district; and the miscellaneous (fig. 4, No. 5) was in any case unimportant. The balance of the traffic consisted of general merchandise and manufactured iron as in fig. 5, of which the shaded portions (general merchandise, 834,932 tons; manufactured iron, 263,343 tons) were United States coasting traffic. With the shaded portions left out, the comparative quantities (general merchandise, 532,860 tons; manufactured iron, 116,809 tons) would appear as in fig. 6.

This treatment is, of course, merely suggestive, and the relative quantities in the shaded and unshaded portions of figs. 2 and 5 are, with the details now available, only very rough approximations. By the careful application of some such method it should, however, be possible to arrive at reasonably accurate quantities of each class of commodities that should appear in figs. 3 and 6; that is, it should be possible, in respect to the traffic of any particular year, to segregate the quantities and classes of freight for which a Georgian Bay canal, if in existence, might have been able to compete. After excluding traffic necessarily controlled by United States routes, there should, in the second place, be excluded such traffic as would necessarily be controlled by the present Canadian lake-and-rail routes, and the water route by lake Erie and lake Ontario, because such traffic originated at or was destined to points which could not be conveniently reached by the Georgian Bay Canal route. What would be left after this second exclusion would be the traffic that could be competed for by the Georgian Bay Canal route as against the existing Canadian routes, and in the case of export or import traffic, as against the competition also of certain United States routes and of the route through the west coast around by the Panama canal, and of that by way of Hudson bay. A consensus of opinion might even be reached as to the proportion of this competitive balance which might fall to the Georgian Bay canal, and as to the extent to which such canal might affect the freight rates and facilities on the other routes.

TRAFFIC TO AND FROM LAKE MICHIGAN.

Lake Michigan carries a large traffic that does not in its course pass through the Sault Ste. Marie canals, and has not therefore entered into the statistics just examined. A few general facts may here be presented to indicate broadly the character of this traffic and the routes by which it moves. The traffic of the port of Chicago forms the greater part of the traffic of lake Michigan, and may be taken as representative.[1]

In the season of 1913 the total traffic of the port of Chicago, in and out, amounted to 12,605,201 freight tons. For comparison with lake Superior ports it may be stated that in that year the port of Duluth-Superior had a freight tonnage of 46,875,416 tons, and Fort William-Port Arthur a little over 12,000,000 tons. The principal commodities received at and shipped from Chicago were:—

	Short Tons.
Received—	
Iron ore	5,583,881
Coal	2,018,610
Merchandise, unclassified	1,526,000
Shipped—	
Grain, flour and mill stuffs	1,906,407
Total	11,034,898

The balance of 1,570,303 tons consisted of receipts of grain, lumber, salt, sugar, manufactured iron, etc., and shipments of merchandise, manufactured iron, and other classified articles. The ratio of total freight tons received to total freight tons shipped was about 4 to 1. The iron ore was from lake Superior and from Escanaba or other lake Michigan ports. In the trade between lake Michigan and eastern lake districts the bulk commodities were grain eastbound and coal westbound, with some general cargo in both directions. In this trade more tons moved westbound to Chicago than eastbound from Chicago, but if an accurate analysis could be made the difference in the total might be found comparatively small. Traffic, however, was less evenly distributed throughout the season than in the lake Superior trade, the arrivals and departures of vessels curving upward to a peak in July and August, and then following the same curve downward.

Chicago has traffic with Canadian ports in grain eastbound and package freight in both directions. In 1913, Chicago shipped grain and flour to Canadian ports as follows:—[2]

LAKE Shipments to Canadian Ports, 1913.

From Chicago to	Flour.	Wheat.	Corn.	Oats.
	Bbls.	Bush.	Bush.	Bush.
Depot Harbour	78,000	32,000	1,537,000	2,315,000
Midland		58,000	1,520,000	332,000
Tiffin		266,000	2,351,000	189,000
Collingwood			3,432,000	
Port Colbourne		656,000		
Kingston			184,000	
Prescott			695,000	
Montreal		1,699,000	45,000	
Other Canadian ports			55,000	
Total	78,000	2,621,000	9,819,000	2,836,000

[1] Annual Report of Chicago Board of Trade.

[2] Appendix, Table 21, p. 106, Statistics, 1911-14.

The greater part of these shipments merely passed through Canada in transit to the Eastern States; a part was exported from Canadian ocean ports; and a small balance, particularly of corn, was retained in Canada for consumption. It is an interesting fact that Canadian lake-and-rail lines compete directly with United States lake-and-rail lines for traffic between the Eastern States and the North Central and Western States. Canadian ports on Georgian bay thus under certain conditions compete with Buffalo, even although some of the traffic may be carried by rail across the border at Niagara Falls. Other portions of this in transit traffic cross the border at such points at Prescott and points on the railway lines south of Montreal. Of the above totals of grain the following amounts are reported as in transit shipments which passed back again into the United States:—[1]

In Transit Shipments, 1913—		
Flour	brl.	15,367
Wheat	bush.	89,500
Corn	"	8,573,538
Oats	"	3,076,636

Of the shipments from Chicago to Canadian lake ports which were destined for export through Canadian ocean ports the principal item was wheat, 2,375,724 bushels, an amount corresponding with the shipments to Port Colborne and to Montreal. In certain years the shipments of grain from Chicago for export through Canadian ocean ports are very much larger than they were in 1913. Reduced to tons the total grain and flour shipped from Chicago to Canadian ports amounted in 1913 to 409,218 tons.

Package freight moves in both directions through Canadian lake ports in transit between Chicago and the eastern states and between Chicago and Europe, but the total is not large in tons.

From the statistics of the arrivals and departures of vessels engaged in foreign trade, it is evident that Chicago ships much more to Canadian ports than it receives from Canadian ports; and further that these shipments are heavier in certain months than in others.

Vessels in Foreign Trade—Chicago District.*

Month.	Arrivals.		Clearances.	
	No.	Tonnage.	No.	Tonnage.
April	2	4,397	13	23,619
May	13	22,072	13	22,314
June	20	31,064	23	38,842
July	22	27,693	34	49,137
August	23	36,388	44	66,655
September	15	25,542	44	85,635
October	21	31,889	38	77,089
November	24	36,157	44	161,496
December	8	20,508	4	18,737
Total	148	235,710	257	543,524

* Chicago District comprises Chicago, Michigan City, Waukegan, Gary and Indiana Harbour.

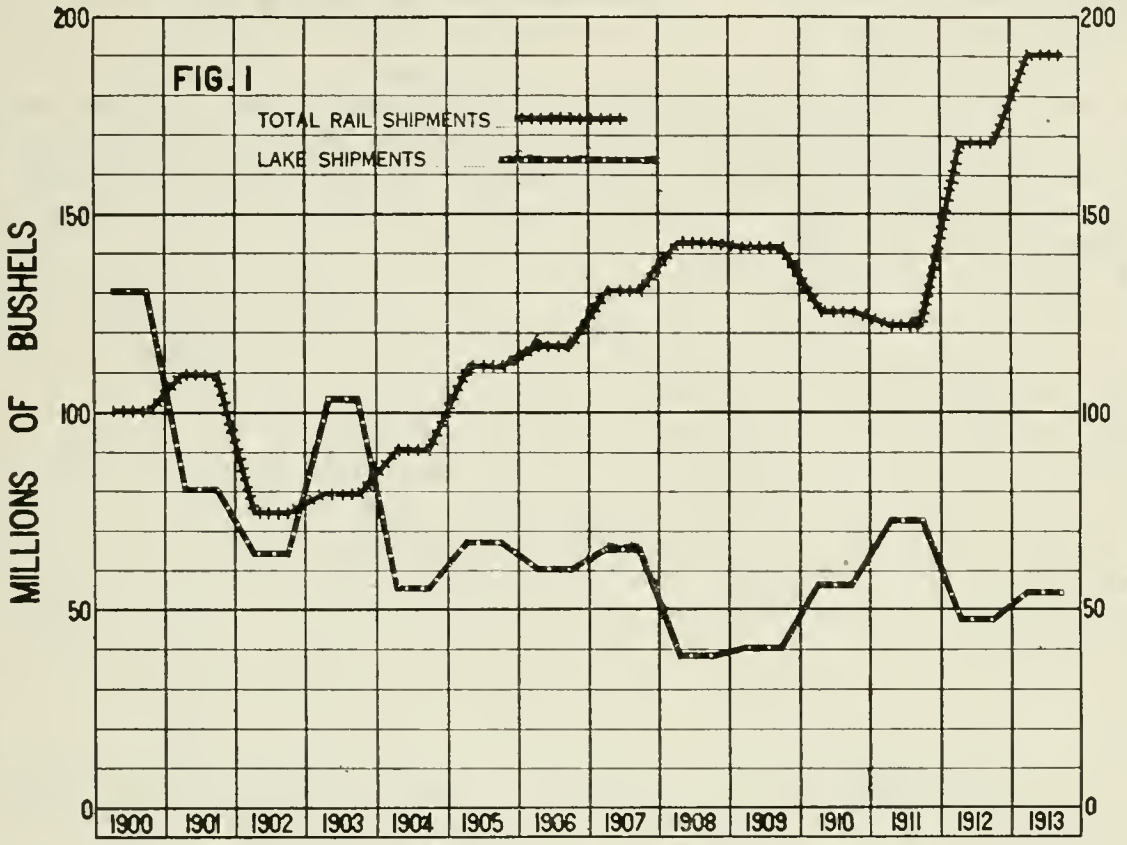
The clearances for Canadian ports were about 1¾ times the arrivals from Canadian ports, and the aggregate registered tonnage clearing was almost 2⅓ times

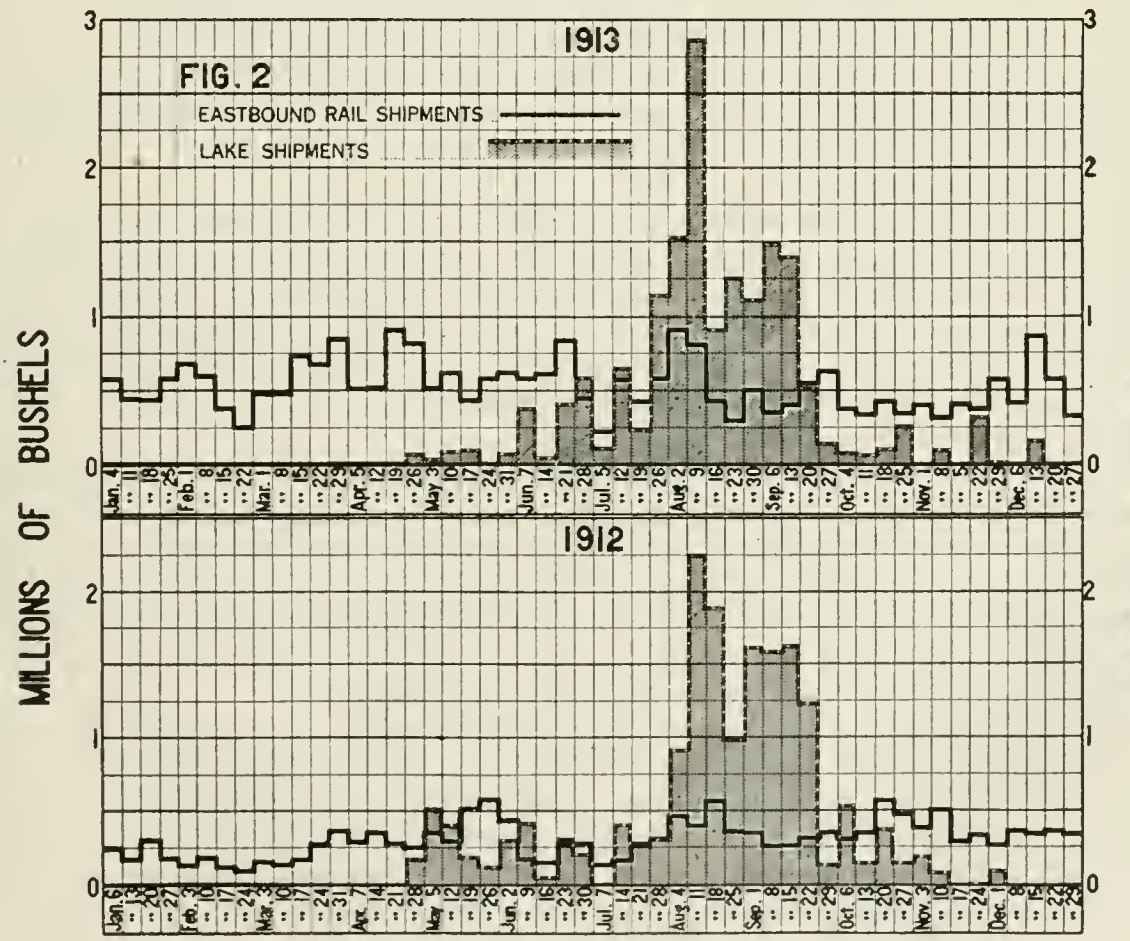
[1] Appendix, Table 22, p. 107, Statistics, 1909-14.

GRAIN SHIPMENTS FROM CHICAGO BY RAIL AND BY LAKE.

FIG. 1 YEARLY TOTALS OF ALL GRAINS 1900 TO 1913.

FIG. 2 WEEKLY SHIPMENTS OF WHEAT ALONE 1912 AND 1913.





the tonnage arriving. The vessels arriving averaged about 1,500 tons net register, and if we assume that these same vessels cleared again for Canada, then the additional vessels loaded for Canadian ports averaged about 3,000 tons net register. Bulk freighters were added to carry the grain, while the regular package freight business was done by the smaller boats. The bulk-freighters did not load back from Canadian ports to Chicago.

While the Canadian lake-and-rail lines are competitors with the United States lake-and-rail lines for Chicago business, the all-rail lines are the strongest competitors of all. As compared with the quantities of grain shipped by rail from Chicago, the shipments by lake have shown a marked relative decline in the past ten years. It would appear that the railways now do the regular grain traffic business and the lake carries the peak of the load.

In diagram 7, two figures are presented in illustration of this development. Fig. 1 shows the total movement from Chicago of all grains for fourteen years, divided into rail shipments and lake shipments, the former with a marked tendency to increase, and the latter with a tendency to decline, until in 1913 about 3½ times as much was shipped in all directions by rail as was shipped by lake. In figure 2 the shipments of wheat by the eastbound rail lines, alone, are compared for the years 1912 and 1913 with the shipments of wheat by lake. Most of the wheat shipped eastbound by rail was destined to points that could be reached also by the lake-and-rail lines, and the traffic in this figure is therefore largely competitive traffic. It will be noted that the eastbound rail lines do a fairly steady business every week in the year, while the lake shipments are crowded into a few weeks from the end of July to the middle of September. The lake in those years was extensively used for only about one-third of the navigation season. It may not be without significance that the peak of the lake wheat load from Chicago corresponds with the slack period in grain shipments from Fort William and Port Arthur. In 1913 the eastbound rail lines from Chicago carried 27,933,000 bushels of wheat, while the lake carried only 16,173,690 bushels; in 1912, shipments by lake were a little larger than shipments by rail, the quantities being: rail, 16,680,800 bushels; and lake, 17,523,384 bushels.

In every class of goods received and shipped by Chicago, even coal, and with the one apparent exception of salt, the rail lines have succeeded in securing the larger share of the traffic. By lake Chicago received 1,212,687 barrels of salt in 1913, and by rail, 950,058 barrels.

What proportion of the traffic now passing between Chicago and Canadian ports might be diverted to a new route such as the proposed Georgian Bay canal? What are the possibilities of increasing the trade between lake Michigan and Canadian ports? On what basis should the value to Canada of the diversion of the merely in transit traffic be measured? Canada at present supplies no return bulk traffic for lake Michigan, coal westbound now dominating the lake Michigan trade. How could the proposed new route establish a competitive load factor?

Freight traffic in the lake Superior and the lake Michigan trades constitutes nearly all the present waterborne traffic which might be affected by the building of a Georgian Bay canal. There is, in addition, a certain amount of traffic to and from ports on Georgian bay and lake Huron and the town of Sault Ste. Marie which might be competed for by the proposed new canal, but in the total this traffic is not large. The immediate purpose of this section of the present report is met by the setting forth of the main features of the existing traffic by water.

Other interesting and important aspects of the problem remain for future examination. From the traffic returns of the Welland and St. Lawrence canals a great deal of information can be gathered as to the nature and distribution of the traffic now using the eastern section of the existing water route. There is local traffic on this part of the route as well as through traffic. To what extent has the local traffic developed? Railways across southern Ontario compete directly with this water route

as they would with a Georgian Bay canal. What do the facts indicate as to the ability of the railways to secure traffic under such competitive conditions? What changes may reasonably be expected from the completion of the new Welland canal? What is the theoretical traffic capacity of the present St. Lawrence canals? How should costs by the Welland and St. Lawrence canals compare with costs from Buffalo to New York by the new Erie canal and costs by the St. Lawrence canals with costs, by canal, from Oswego to New York?

Before attempting a study of these matters of detail, relating particularly to the mechanical ability of the railways and of other canals to compete with the proposed Georgian Bay canal, the general treatment of the subject will be continued,—first, by raising the question of the probable development of traffic in the future; and second, by following the present export traffic after it leaves the Great Lakes waterway to see under what general conditions it becomes part of the great traffic of the ocean.

FUTURE DEVELOPMENT OF TRAFFIC.

It is not possible to rest the case for the Georgian Bay canal after arguing alone on the traffic conditions of the present. In the year 1913 was found the greatest volume of traffic between the East and the West in North America which has yet been recorded. If it should seem that Canada, had the Georgian Bay been then completed, might have derived from the traffic of that year an additional benefit commensurate with the cost of the canal, then an effective argument for immediate construction could be offered. Nevertheless, it would still be wise to consider the general causes and tendencies that affect the development of traffic. If, on the other hand, Canada's probable share of the traffic of 1913 might not seem to warrant a further large national investment, it would be necessary to inquire whether there might not be reasonable expectation that traffic would so increase year by year that the investment would soon become profitable, and would accordingly be a sound business proposition.

With respect to each class of goods transported in 1913, there should, therefore, be an inquiry with a view to determining the possibilities; first of the maintenance of the present volume of traffic, and second, of the increase of this volume and particularly of such increase as might come within the competitive influence of a Georgian Bay canal. Taking, for example, iron ore and copper ore eastbound, the probabilities of the continued shipment of the present immense tonnage should be considered, because if this traffic were greatly reduced, either by failure of the supplies of raw material or by the opening up of more favourable sources of supply for eastern industrial plants, or were diverted by the establishment of a centre for the iron industry at some point further west, then the whole economic structure of lake traffic would be altered. If, again, new markets for this iron and copper ore could be opened up, because of the construction of a new deep waterway to the sea or, at least, in such districts as would render a Georgian Bay canal a competitive route, then this ore traffic would become a factor in deciding the economic feasibility of the proposed canal, and it would remain only to set a value in national advantage on the passage of such traffic through Canadian channels.

The problem of coal traffic is perhaps even more important. If any large section west of lake Superior is likely to continue dependent upon supplies of eastern coal, and if the Pennsylvania coal fields can control that market, then lake Erie must retain a strong attraction for shipping. If, on the other hand, it should appear possible to develop a new source of coal supply for the west, such as the Nova Scotia fields, for example, then Canadian routes might supply bulk traffic westbound and greatly improve their competitive position. The traffic in general merchandise and manufactured articles may be expected to increase in some relation to the increase in population. It should also be inquired whether certain classes of goods not now shipped by the lakes, such as meats, provisions, and packing-house products, of which Chicago alone ships eastbound by rail over one million tons per year and some of it to Montreal for export, might not under practicable conditions be made to contribute tonnage to the new water route.

Wheat and Flour.—Because the movement of grain and flour is to-day Canada's greatest traffic problem, and because these products form so large a part of the total freight now apparently open to the competitive influence of a Georgian Bay canal, it may be well first to study the possibilities of this traffic in some detail. For the sake of simplicity of treatment, the present study will be confined to wheat, or wheat and flour alone. Any principles discovered or methods evolved can then be applied to other grains.

How much wheat will western Canada be prepared to offer for shipment five, ten, or twenty years hence? What general conditions will set the limits to the production and shipment of wheat? What proportion of the total wheat traffic will be destined to districts or countries that could be reached on favourable terms by a route through a Georgian Bay canal?

To give an estimate of the quantity of wheat there might be for shipment from western Canada in any future year is to make a guess. Will it be 500,000,000 bushels? Will it be 1,000,000,000 bushels? Or will it not be any greater in ten or twenty years than it was in 1913? It will depend upon conditions. Some of these conditions may already be recognizable. If a large wheat traffic should be deemed necessary in order to make a new canal economically feasible, it is clearly desirable to select such determining conditions as can be agreed upon and apply them as tests to the guesses that may be made.

One general determining condition will be the number of acres of land in western Canada capable of growing wheat; but as there is more of such land than can, by any stretch of probability, be turned to account within a generation or two, this condition will not impose any practical limitations. Good wheat land need not grow wheat; it may be used for other crops, or it may continue to grow prairie grasses.

A second general condition will be the extent of the world's demand for wheat, and the price it is prepared to pay for it. Assuming an abundance of good land and labour enough to cultivate it, the limitation upon the quantity of wheat actually raised will probably be found in market conditions. What markets could be reached by way of a Georgian Bay canal? What will be the demand of these markets, and what will be the tendencies affecting price?

From the standpoint of a Georgian Bay canal, the Orient may be excluded from the markets to be considered, because what wheat and flour western Canada may ship to the Orient will undoubtedly go out by the west coast. If the United States should cease to produce enough wheat for its own needs, only a portion of such western Canadian wheat as might be purchased by the New England states would take the long eastern route to Montreal before crossing the border. On this continent a Georgian Bay canal could compete for shipments to the markets of eastern Ontario, Quebec, the Maritime Provinces, and the New England states, but these markets, while valuable, would not call for the creation of new transportation facilities. The important market, obviously, is Europe. In the past, out of every 7 bushels of wheat and flour shipped by all exporting countries, Europe has absorbed a little over 6 bushels. It is the only great market for breadstuffs, and in shipments to this market from western Canada a Georgian Bay canal might prove a competitive factor.

If the European market for wheat and flour is thus likely to prove one of the conditions mainly determining such future shipments of wheat as are of concern to the problem of a Georgian Bay canal, then the probable capacity and the probable methods and prices of this market should be applied as tests to the estimates of such shipments. Before attempting to forecast future conditions in the European market, it will be desirable to understand the present conditions. For this purpose the answers to four questions, at least, should be clearly worked out:—

(1) How much imported wheat and flour does Europe now buy?

(2) How does Europe now buy this wheat and flour, that is, how are its purchases distributed throughout the year?

(3) Where does Europe now buy this wheat and flour?

(4) What price tendencies are now observable in connection with the European market?

Shipments to Europe.—Diagram 8 graphically presents the answers to questions 1 and 2, and illustrates certain other interesting points as well. The answer to question

3 is presented in diagram 9. For the purpose of these diagrams, Broomhall's statistics of the weekly shipments of wheat and flour (included at its equivalent in bushels of wheat) have been taken for the years 1905 to 1913, inclusive. The actual shipments in the first week in each of the above nine years have been added together and divided by nine to arrive at the average first week's shipments during that period, and so with each of the other weeks of the year. The drawings thus contain fifty-two columns, and represent the average movement of wheat and flour in each week of the year for nine years.[1]

The quantities of wheat and flour shipped by exporting countries are the quantities which are received by importing countries. These diagrams may, therefore, be looked at from the point of view either of exports or of imports. The definite dates given are the dates of shipment from the countries possessing surpluses, but the quantities represent the needs and the purchases of importing countries more truly than they do the surpluses of exporting countries.

In diagram 8, fig. 1, taken as a whole, can be seen the average quantities of wheat and flour shipped from all exporting countries in the world to all importing countries in the world, while from the base to the superimposed white line can be found the quantities shipped weekly to Europe from all exporting countries. The importing world purchased on the average in the above period 562,184,000 bushels of wheat and flour per year, of which the importing countries of Europe took 484,104,000 bushels, or 86·11 per cent.

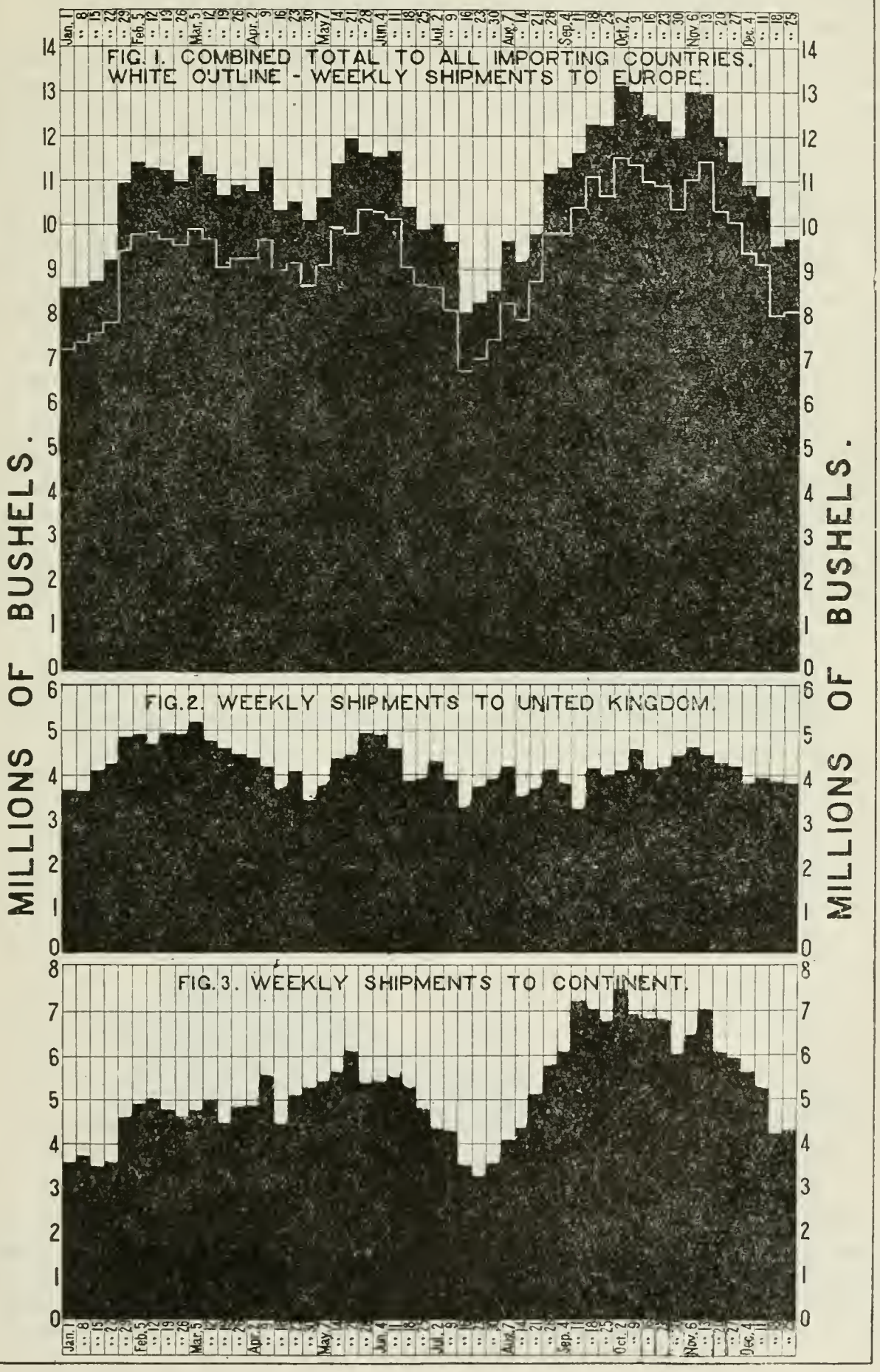
These latter figures, therefore, represent the capacity, before the war, of the European market for imported wheat and flour. It is interesting to note that during the first year of the war, or from August 1, 1914, to July 31, 1915, there was shipped to European countries, 477,344,000 bushels of wheat and flour, or a little less than the average of the previous decade, the increased purchases of some countries being offset by the partial embargo on imports by Germany and Austria.

The wheat grown in the world between 1905 and 1913 averaged about 3,400,000,000 bushels per year, so that only about 16 per cent entered into international commerce. Europe, as a whole, grew four times as much as it imported, and even the countries of Europe showing net imports grew twice as much as they imported. The following table gives the production of wheat and the net imports of wheat and flour of the principal importing countries of Europe for a representative year, 1912:—

Country.	Year.	Wheat Crop.	Wheat and Flour net imports during subsequent 12 months.
		Bushels.	Bushels.
Austria-Hungary	1912	254,240,000	56,000
Belgium	1912	15,280,000	50,184,000
Denmark	1912	3,760,000	19,520,000
France	1912	333,600,000	44,952,000
Germany	1912	160,240,000	68,608,000
Holland	1912	4,600,000	17,520,000
Italy	1912	165,600,000	72,512,000
Norway	1912	312,000	3,600,000
Portugal	1912	5,600,000	4,000,000
Spain	1912	112,000,000	2,936,000
Sweden	1912	7,808,000	9,008,000
Switzerland	1912	3,176,000	21,904,000
United Kingdom	1912	57,400,000	238,096,000
Totals		1,123,616,000	543,896,000

[1] Appendix, Table 23, p. 108, Statistics.

WEEKLY SHIPMENTS OF WHEAT AND FLOUR
AVERAGED FOR 9 YEARS, 1905 TO 1913.



Figs. 2 and 3 in diagram 8 show the division of European imports into quantities imported by the United Kingdom and quantities imported by the continental countries of Europe. The United Kingdom is the largest single importing market in the world, and during the period under review it imported 217,424,000 bushels of wheat and flour per year, or 44·91 per cent of the total imports of Europe.

Coming now to the question of the distribution throughout the year of European importations of wheat and flour, it is manifest from the diagram that there is a tendency towards evenness of distribution. Breadstuffs are consumed day by day throughout the year in approximately the same quantities, and the fundamental demand, therefore, tends to be steady. For some reasons the importing world has not considered it practicable or profitable to import in one or two brief periods a total year's requirements of wheat and flour, perhaps partly because to unnecessarily store imported grain in Europe would be to unnecessarily pay interest on a sum equal to all costs, charges and intermediate profits involved in the transfer of the grain to Europe, whereas grain can be stored at the point of production for the interest on farm costs alone; partly because the consequent congestion of traffic would throw an ill-balanced load on the world's transportation systems, and make freight costs too high; and partly because such a load would be as difficult to finance as to transport.

If the world's shipments had been absolutely even, the weekly quantity would have been 10,811,000 bushels. The smallest week's average shipments, 8,040,000 bushels in the week of July 16, was only 21·5 per cent below this general average; and the greatest week's shipments, 13,136,000 bushels in the week of October 2, was only 25·63 per cent above the general average. As the contingencies are innumerable, this is not, after all, a very great divergence from the straight line. When longer periods than a week are considered, the relative differences become smaller. The following are the totals when the year is divided into quarters and halves:—

Average World's Shipments, 1905-13, Total 562,184,000 bushels—

			(bush.)
1st quarter year	135,224,000		
2nd "	142,048,000	1st half year	277,272,000
3rd "	131,752,000		
4th "	153,160,000	2nd "	284,912,000

Average Shipments to ex-European Countries, 1905-13, Total 78,080,000 bushels—

			(bush.)
1st quarter year	19,368,000		
2nd "	19,224,000	1st half year	38,592,000
3rd "	18,528,000		
4th "	20,960,000	2nd "	39,488,000

Average Shipments to Europe, 1905-13, Total 484,104,000 bushels—

			(bush.)
1st quarter year	115,856,000		
2nd "	122,824,000	1st half year	238,680,000
3rd "	113,224,000		
4th "	132,200,000	2nd "	245,424,000

Average Shipments to Great Britain, 1905-13, Total 217,424,000 bushels—

			(bush.)
1st quarter year	59,040,000		
2nd "	54,392,000	1st half year	113,432,000
3rd "	49,672,000		
4th "	54,320,000	2nd "	103,992,000

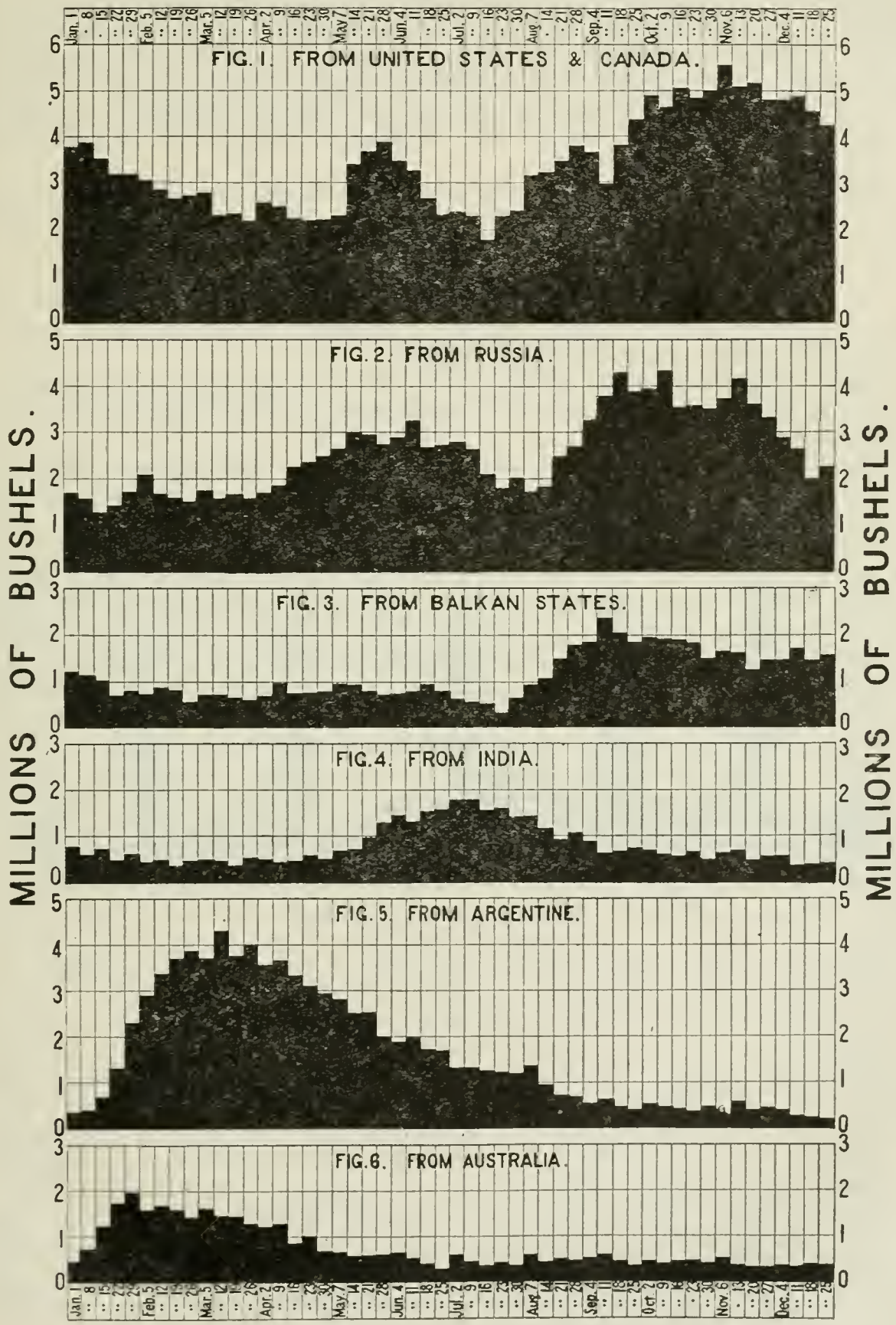
Average Shipments to Continent of Europe, 1905-13, Total 269,616,000 bushels—

			(bush.)
1st quarter year	57,328,000		
2nd "	68,568,000	1st half year	125,896,000
3rd "	65,152,000		
4th "	78,568,000	2nd "	143,720,000

These figures confirm the substantial evenness of distribution visible to the eye in the diagram. Shipments to ex-European countries were remarkably regular. Shipments to the continental countries of Europe temporarily declined about the time the new European crop was ready for the market, and the average was adjusted a little later by exceptionally heavy purchases from the new crop of the exporting coun-

WEEKLY SHIPMENTS OF WHEAT AND FLOUR

SHOWING QUANTITIES FROM CHIEF EXPORTING COUNTRIES AVERAGED FOR 9 YEARS. 1905 TO 1913.


MILLIONS OF BUSHELS.
MILLIONS OF BUSHELS.
FIG. 1. FROM UNITED STATES & CANADA.
FIG. 2. FROM RUSSIA.
FIG. 3. FROM BALKAN STATES.
FIG. 4. FROM INDIA.
FIG. 5. FROM ARGENTINE.
FIG. 6. FROM AUSTRALIA.
Jan. 1 8 15 22 29 Feb. 5 12 19 26 Mar. 5 12 19 26 Apr. 2 9 16 23 30 May 7 14 21 28 Jun. 4 11 18 25 Jul. 2 9 16 23 30 Aug. 7 14 21 28 Sep. 4 11 18 25 Oct. 2 9 16 23 30 Nov. 6 13 20 27 Dec. 4 11 18 25

tries of the northern hemisphere. This causes the irregularity in the diagram that is most noticeable. The United Kingdom purchases most heavily in the first quarter of the year, and the continent in the last quarter.

Sources of Supply.—Diagram 9 sets forth the average weekly contributions of wheat and flour from the chief exporting countries to the totals which have just been considered.[1] In most cases the statistics used in this diagram represents shipments to all countries, but the shipments from India and from the Argentine are shipments to Europe alone. As the shipments to ex-European countries are so even week by week, it may for all practical purposes be said that this diagram shows how each of the principal grain exporting countries sends supplies to Europe, that is, how Europe buys from each of these countries.

Beginning at the bottom of the diagram with Australia (fig. 6), it will be noted that shipments are heaviest in the first three months of the year, immediately following the Australian harvest, but that a steady export of a moderate quantity is maintained throughout the year.

The Argentine (fig. 5), where the harvest is a little later than in Australia, ships a very large proportion of its whole surplus in February, March, and April, the shipments dwindling off towards the end of the year.

India (fig. 4) ships more heavily in the middle of the year, also just after its harvest, but holds over a fair proportion of its surplus for regular export during the balance of the year.

The Balkan States (fig. 3) ship heavily, but on the whole regularly, during the last four months of the year, but hold over a substantial quantity for shipment during the next spring and summer.

Russia (fig. 2) also ships heavily after its harvest, but holds over a large proportion until the new year. During January, February, and March, certain Russian ports are closed by ice, but nevertheless a substantial and regular export takes place. When navigation is re-opened the volume of export increases, but regularity tends to be preserved. Considering climatic conditions, the export of the Russian surplus would appear to have an exceptionally well-regulated distribution throughout the year.

The United States and Canada (fig. 1) are treated together in commercial statistics. From the two countries combined the heavy shipments begin in August and extend on into the following January. In May a sharp peak is found following the opening of navigation on the Great Lakes and the marketing of "May" wheat. The sharpness of this May peak is in contrast with the broader movement which follows the opening of navigation in Russia. A considerable proportion of this May peak consists of Canadian wheat, which also is largely represented in the shipments during October, November, and December. The exports from the United States, during certain years before the Canadian exportable surplus became large, have been examined, and it would appear that in some years at least there was a greater regularity of shipment than was found on the average between 1905 and 1913.

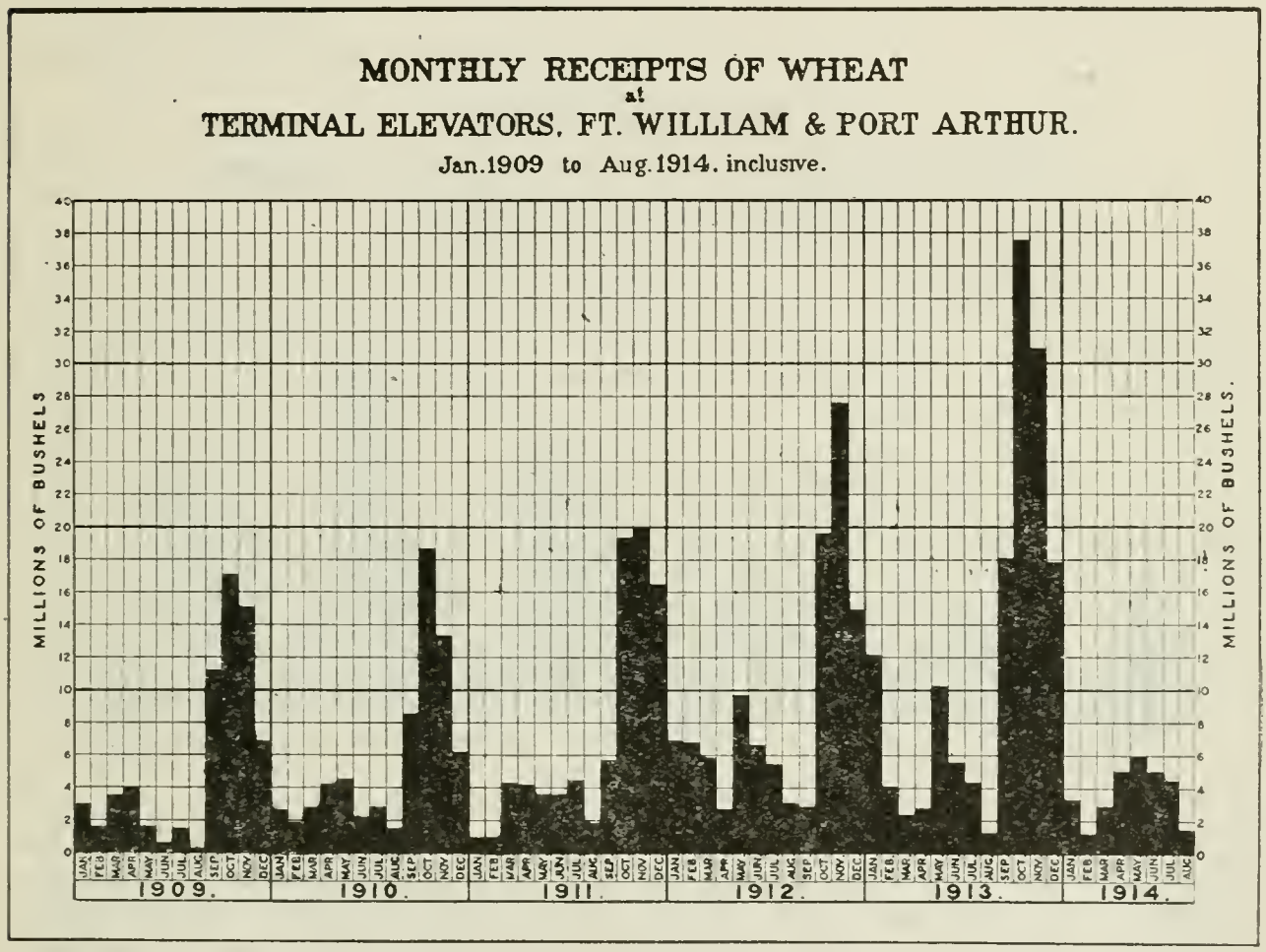
If diagram 9 be now examined in relation to diagram 8 it will be seen that the importing world buys relatively heavily as soon as new crops are threshed, when wheat is intrinsically cheapest or there is the greatest pressure to sell. Taking the shipments to the United Kingdom for special examination, it will be noted that the first bulge in these shipments corresponds with the new crop marketings of Australia and the Argentine; that the second bulge corresponds with the marketing of May wheat in Canada and the United States and with the re-opening of navigation in Russia; that there is a small bulge corresponding with the marketing of the early winter wheat in the United States and in the Balkan states; and that the final bulge corresponds with the spring wheat marketing of the United States, Canada, and Russia. It is at these periods the United Kingdom buys a little more than its average consumption

[1] Appendix, Table 24, p. 109, Statistics.

requirements, probably because it has been found profitable to do so, but it buys in any period only a little more than it requires for consumption, the only storage necessary being such as would carry over the surplus for a few weeks.

If the law of the consuming market be evenness of distribution throughout the year, then it is clear that this law must be recognized by producing countries and must determine to a large extent the volume of production, the methods of marketing and of transportation, and the system of finance of the country which aims to supply any large proportion of the European demand. Any estimate of Canada's probable shipments of wheat and flour to Europe in the future should be tested by the general conditions in Europe and in other producing countries which are suggested by the facts illustrated in these two diagrams.

DIAGRAM No. 10.



Tendencies Affecting Price.—Presumably wheat will not be grown, and, therefore, will not be shipped, unless the price is reasonably satisfactory to the producers. The existence of adequate transportation facilities at moderate cost may tend to improve the net return to the producers, but will not necessarily make this net price sufficient, under all conditions, to justify the production of wheat rather than some other product. No estimate of the volume of future traffic in any article should be accepted until present price tendencies are examined and the probable effects on price of the new assumed volume and of the new conditions proposed to be created have been studied.

What has been the relationship between Canadian wheat quantities and prices, and what tendencies, if any, have developed in connection with Canadian methods of marketing? As it is only in recent years that the Canadian surplus has been large enough to be an appreciable factor in international trade, this inquiry may be confined to the period from the beginning of 1909 to the end of the crop year 1913-14.

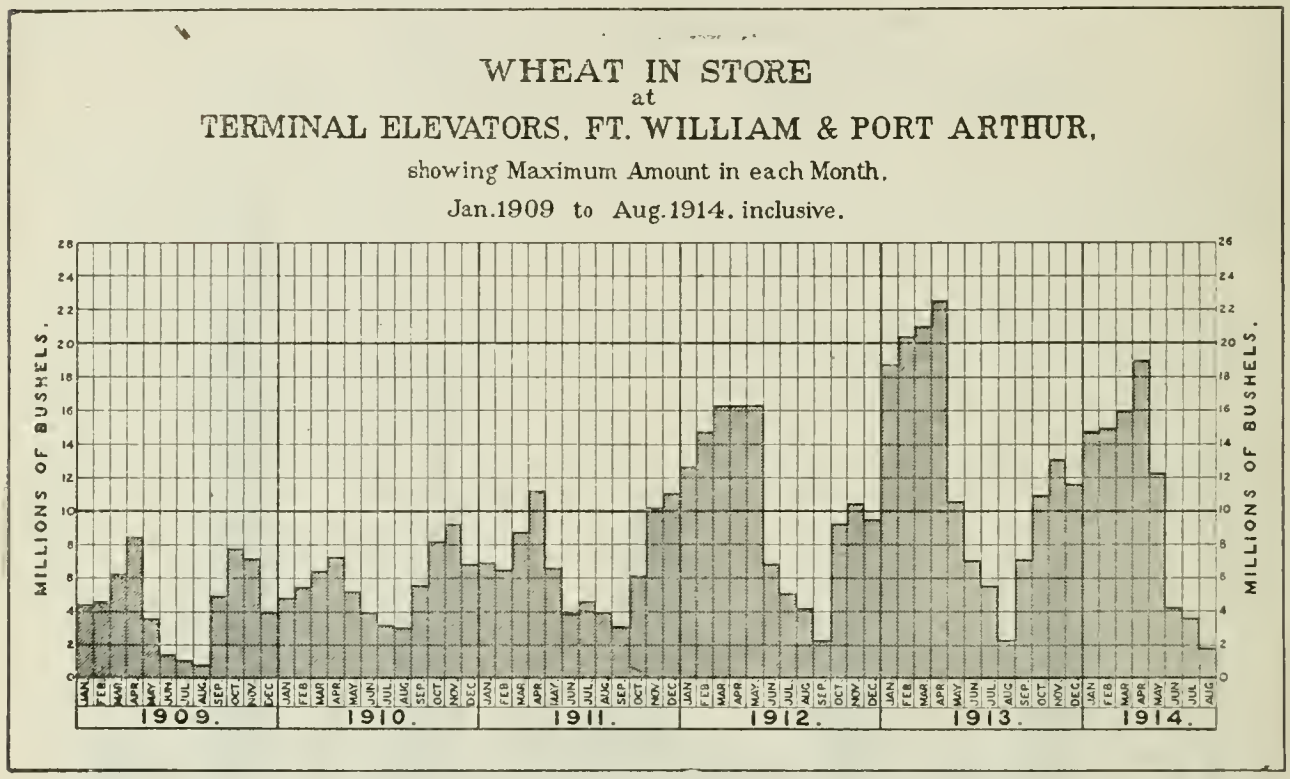
The primary markets of the world are those most directly in touch with, and therefore of most immediate importance to, the world's producers; and it is by the selling

pressure in primary markets exerted against the buying pressure from ultimate consumers that the course of prices is chiefly determined, although this course may be modified by many intermediate agencies.

Canada's great primary market-place for wheat is the terminal elevators at Fort William and Port Arthur. It is there Western Canadian wheat is offered to exporters and to the Eastern Canadian trade. Prices quoted on the Winnipeg Grain Exchange are prices "in store Fort William-Port Arthur." The official records[1] of the receipts from the interior at these terminal elevators, month by month, show the manner in which Western Canada places its wheat on this market.

In diagram 10 these monthly receipts are shown from January, 1909, to August, 1914.[2] The outstanding feature of these receipts is the extreme peak developed in the last quarter of the year. A smaller peak in the month of May has also become clearly

DIAGRAM No. 11.



defined. It is obvious that Western Canada's method of marketing is to sharply thrust forward, immediately after the harvest, the greater part of its surplus, reserving something for a second thrust about the following May. This marketing in extreme peaks is not the accident of one or two years, but evidently the settled practice, becoming more definite year by year as the surplus has increased in volume.

Purchasers take wheat from the elevators every month in the year for shipment eastward by lake or by rail, although rail shipments are small by comparison. As shipments month by month do not strictly correspond with receipts, there is a varying amount always in store in the elevators. Diagram 11 represents the maximum amount of wheat in store in the Fort William and Port Arthur elevators in each month, according to the official weekly reports.[3] The outstanding feature of this diagram is the accumulation of wheat in the elevators during the period in which navigation is closed, that is, between December and April, in which latter month the peak of the year's storage load tends to be found.

The difficulties, or higher costs, of transportation in the winter time may influence some on thus holding over wheat; others may wait in the general hope of higher prices; while the very large private and country elevator interests buy wheat for the purpose

[1] Annual Reports of Winnipeg Grain Exchange.
[2] Appendix, Table 25, p. 110, Statistics, 1909-15.
[3] Appendix, Table 26, p. 112, Statistics, 1909-15.

of carrying it over the winter to ensure earnings on their investments in elevators. What the elevator companies buy they immediately sell again for delivery in some future month, because they desire only a safe investment showing a margin equal to carrying charges for their elevators; and all other owners of wheat who have wished to borrow against their holdings have "hedged," that is, entered into a definite contract for delivery in some future month. Most of these future contracts are for May delivery. The result, therefore, is that, partly because of the close of navigation on the lakes, but largely because of the trading, handling, and financing systems that have developed, a decided market peak accumulates for the month of May, which peak consists of the amount in store in the terminals in April plus the receipts from the interior in May. The second and greater peak of the year consists of the receipts during September, October, November, and December. It is therefore at these two periods of the year, Western Canada offers important volumes of wheat to the world's consumers.

What, now, is the relation between these Canadian market peaks and wheat prices? If diagram 8 be again referred to, it will be perfectly clear that we are here dealing with a method of marketing which is not at all in accordance with the general law of consumption demand. The wheat prices used for this inquiry will be the prices of contract grade wheat at Liverpool, and the prices of cash No. 1 Northern wheat on the Winnipeg Grain Exchange. These latter prices, as explained, are the prices of wheat in store in the terminal elevators at Fort William and Port Arthur, that is, the cash prices, on the spot, of the very quantities under consideration. Liverpool prices are selected because Liverpool is, more nearly than any other, a world market, and because in any case the United Kingdom was the purchaser, during the period under review, of over 91 per cent of all the Canadian wheat exported, and therefore the conditions at a representative market of the United Kingdom are the conditions to which the Canadian surplus actually stood in chief relationship. In the Liverpool market for contract grade wheat the importer can sell under the form of a "future delivery contract," the wheat he has just contracted by cable to buy from the Canadian exporter, and which wheat may at the moment still be in the terminal elevators at Fort William and Port Arthur, where its local market value is the Winnipeg cash price. The two sets of prices selected are therefore more nearly corresponding prices than any others that could be taken.

Before actually comparing quantities and prices, one or two points should be noted in connection with the demand in the United Kingdom for imported wheat. The United Kingdom is the leading importing market for higher grade wheat, and this not only because of the very large quantities of wheat required, but also because the merits of hard wheat are perhaps more generally recognized in the United Kingdom than in other importing European countries. The millers of the United Kingdom, however, do not make a flour of hard wheat alone. Hard wheats of various kinds are mixed with soft wheats of various kinds to make a blended flour. By this means the miller renders himself more independent than he otherwise would be of any one particular kind of wheat. If a special quality of wheat grown in only one country is relatively scarce, or very strongly held, the miller may, from other wheats upon the market, and by slightly altering his proportions, continue to produce a flour which preserves all the main characteristics with which his customers have become familiar. Imported flours can be blended as well as imported wheat. The advantages from the standpoint of the purchaser, of the use of a blended product are obvious, and, whether or not this system remains a permanent business policy, it is a fact that during the years under review the United Kingdom met only a part of its requirements by purchasing hard wheat and hard-wheat flours, and for the balance purchased soft wheat from many parts of the world to supplement its own domestic soft-wheat supplies.

The relationship of Canadian primary marketings to the purchases of the United Kingdom are shown in diagram 12. The solid black portion of this diagram is a repro-

duction of diagram 10 and represents the amount of wheat received each month at the terminal elevators at Fort William and Port Arthur. The hatched column in the month of April, which should be measured from the base of the figure, represents the maximum amount in store in those elevators in that month, being the peak of the accumulations there for May delivery as shown in diagram 11. The dotted line represents the total shipments to the United Kingdom month by month of wheat and flour from all the world, that is, roughly, the total monthly purchases of the United Kingdom from all countries.[1] Taking any one month, and measuring from the base of the figure to the dotted line, the total amount purchased for shipment to the United Kingdom in that month is shown.

DIAGRAM No. 12.

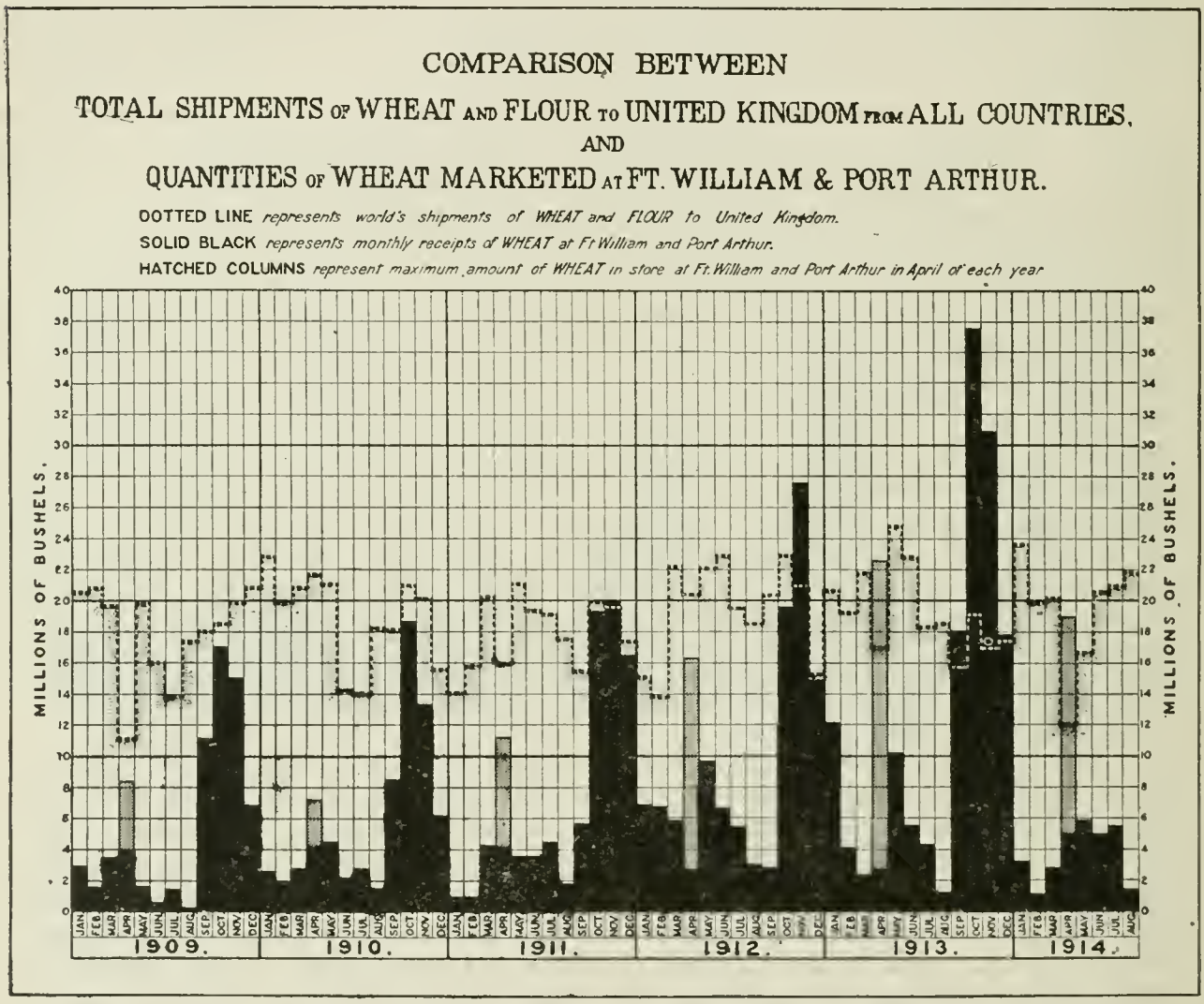

COMPARISON BETWEEN
TOTAL SHIPMENTS OF WHEAT AND FLOUR TO UNITED KINGDOM FROM ALL COUNTRIES.
AND
QUANTITIES OF WHEAT MARKETED AT FT. WILLIAM & PORT ARTHUR.
DOTTED LINE represents world's shipments of WHEAT and FLOUR to United Kingdom.
SOLID BLACK represents monthly receipts of WHEAT at Ft William and Port Arthur.
HATCHED COLUMNS represent maximum amount of WHEAT in store at Ft. William and Port Arthur in April of each year
MILLIONS OF BUSHELS.
MILLIONS OF BUSHELS.
1909.
1910.
1911.
1912.
1913.
1914.

Diagram 12 makes two almost startling revelations. First, that Western Canada sometimes puts upon the market in a month much more hard wheat than the United Kingdom, the only important consumer of its surplus, will purchase of all kinds of wheat and flour from all the world; and, second, that the United Kingdom purchases regularly and heavily during many months in which Western Canada has practically nothing to offer.

In October, 1913, Western Canada marketed 37,546,000 bushels, while the United Kingdom purchased of all kinds of wheat and flour only 19,075,000 bushels. In November, 1913, the Canadian marketings were 30,946,000 bushels, and the purchases of the United Kingdom, 16,918,000 bushels. In November, 1912, the figures were 27,563,000 bushels against 20,984,000 bushels; and in November, 1911, 19,941,000

[1] Appendix, Table 27, p. 112, Statistics, 1909-14.

bushels against 19,587,000 bushels. In these months there was delivered at Fort William and Port Arthur an absolutely greater amount than the United Kingdom would purchase of hard and soft wheat combined, and of flour, for delivery from all countries. If we add together the figures for the two months of October and November in each of these years under review, the comparison is as follows:—

	Canadian Marketings Terminal Elevators. Bushels.	Total Purchases United Kingdom. Bushels.
1909—October .... November..	32,137,000	38,497,000
1910—October .... November..	31,944,000	41,097,000
1911—October .... November..	39,261,000	39,515,000
1912—October .... November..	47,170,000	43,905,000
1913—October .... November..	68,492,000	35,993,000

If it could be determined exactly how much of the purchases of the United Kingdom consisted of hard wheat, it would undoubtedly be found that the Canadian supply exceeded the demand of that market in the above two-month periods in every one of these years, and that in 1913 it was considerably more than twice the quantity required. The May peak also, which should be constructed by placing the April storage column on the top of the May receipts, was greater in three of the years than the total demand for all kinds of wheat and flour in any one month, and very much greater than the demand for hard wheat alone. And Canada is by no means the only source of supply of hard wheat, even in the autumn months.

As over 61 per cent of the surplus product of Canadian mills during these years was shipped to the United Kingdom as flour and was included in the above quantities of total imports of that country, it is evident that even the very large purchases of wheat by the Canadian millers, second only in importance to the purchases of the United Kingdom, would only partially diminish the pressure of the Canadian peaks, as shown, upon the market of the United Kingdom.

Bearing in mind this relationship of Canadian supply to the demand of the United Kingdom, it will now be interesting to bring into juxtaposition the quantities marketed at Fort William and Port Arthur and the prices of wheat at Liverpool and at Winnipeg. For this purpose, diagram 13 is presented. In fig. 1 are the Canadian quantities which have already appeared in diagram 12, although in this case turned upside down as overhanging the market, the dotted line again representing world shipments to the United Kingdom. In the centre of the diagram (fig. 2) are two price-lines.[1] The black line represents the price of contract grade wheat on the Liverpool Corn Exchange, and shows the highest and lowest quotation on that exchange during each month. The red line represents the high and low quotations during each month on cash No. 1 Northern wheat on the Winnipeg Grain Exchange. At the bottom of the diagram (fig. 3) are the monthly shipments, by lake and by rail combined, from the terminal elevators at Fort William and Port Arthur, showing how the wheat moves out into general consumption.[2]

Taking first the two price-lines with their fluctuations, it is evident that both Winnipeg and Liverpool markets are subject to the same general conditions. In its general trend it is obvious that the Winnipeg market either follows the Liverpool market or moves with it under the same influences. A spread in price between the two exchanges is necessary if business is to be done between them, the spread being at least sufficient to cover all costs of the transfer of wheat from the elevators at Fort William and Port Arthur to dockside Liverpool. The spread is actually slightly greater than appears in

[1] Appendix, Table 28, pp. 113-114, Statistics, 1909-14.
[2] Appendix, Table 25, pp. 110-111, Statistics, 1909-15.

this diagram because No. 1 Northern Manitoba wheat, quoted at Winnipeg, is above the standard on which the Liverpool quotations are based, and commands a small premium, about 1⅛ cents per bushel, when delivered on Liverpool contracts. Where the two price-lines overlap, or are very close together, after allowing for the premium as above, it is evident that no export business was being done by Canada or could be done. The spread between the prices becomes extreme toward the end of 1912 and toward the end of 1913.

Tracing the Liverpool price line alone, it will be noticed that there are three sharp upward movements, in 1909, 1912, and 1914, and one sharp decline in 1910. In the spring of 1909, Europe was in a nervous state following the annexation by Austria of Bosnia and Hertzegovina. This was the period also of the Patten "corner" in Chicago. In 1912 occurred the Balkan war, which not only had its effect on European sentiment, but the closing of the Dardanelles by Turkey interfered with exports from the Black Sea and shut up a considerable number of ocean vessels. The sharp upturn in 1914 marked the beginning of the present great war. The extreme drop in 1910 apparently had no great significance. At midsummer, as we have seen, Europe imports less wheat than at any other period of the year; the world's crop of 1909 had been the largest for many years, and the prospects for the European crop of 1910 were for a still larger local supply. Under these conditions, it is explained, some cargoes of grain from Australia arrived at Liverpool on shipper's account, and the owners were finally forced to sell at a big sacrifice, which temporarily became manifest in all market quotations. These four extreme fluctuations occurred, therefore, under exceptional conditions, and more ordinary causes must be looked to for the explanations of all other price variations shown.

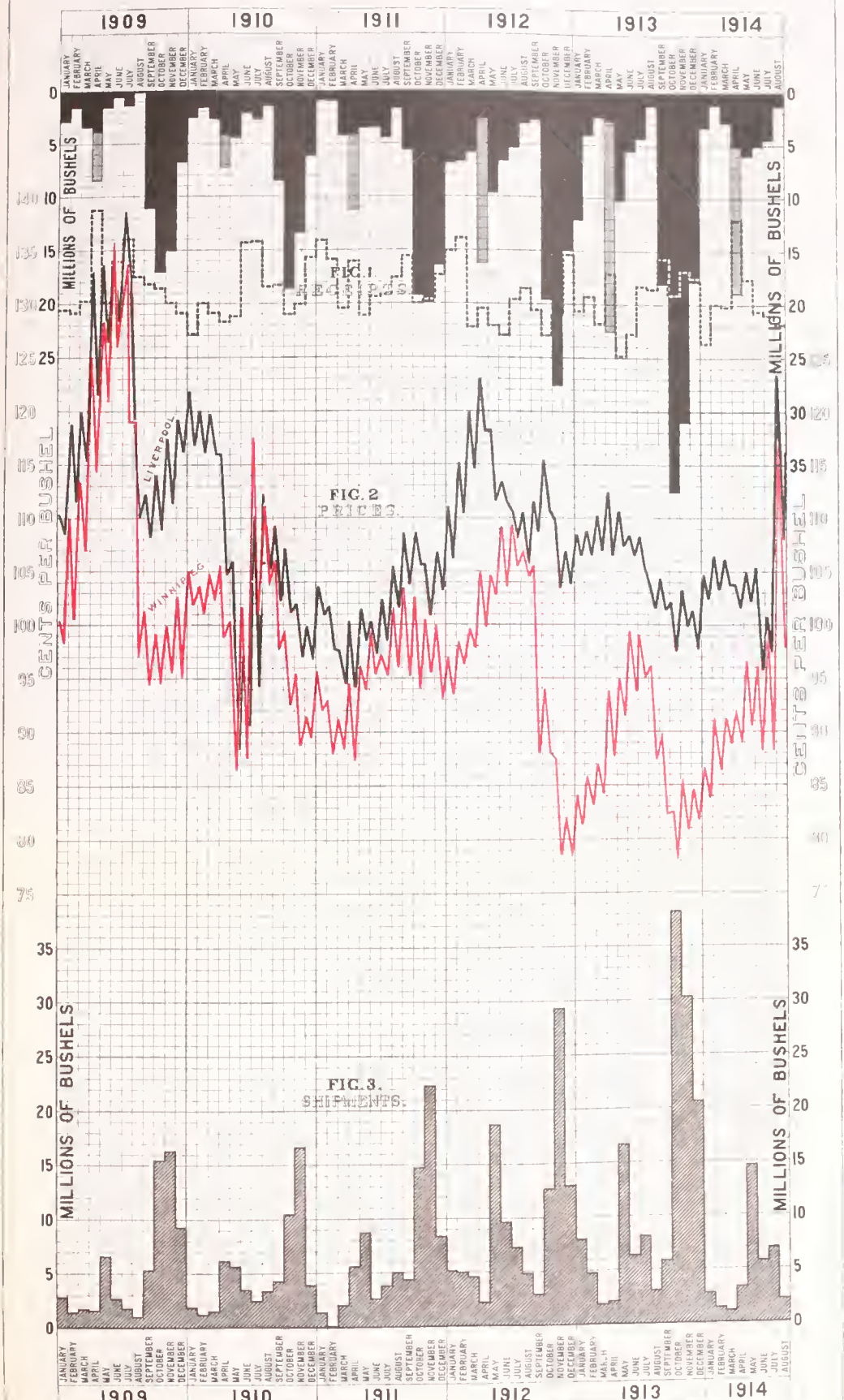
The quantities in fig. 1 should now be closely examined in their relation to the price-lines in fig. 2, attention being first confined to the Liverpool prices. Starting at the right hand of the diagram and letting the eye follow down the direction of the autumn peak of 1913, it will be seen that it fits into a marked depression in the Liverpool price, the line having apparently sagged many cents per bushel. The same thing is seen with the autumn peak of 1912, although not to so great an extent. There are clearly defined depressions also corresponding to the autumn peaks in 1911, 1910, and 1909. In each one of these five years the heavy Canadian marketings at the end of the year have coincided with a depression in price. If we leave out of consideration the sharp "squeeze" in 1910, it will be seen that, with the exception of one year (1911), the price that has met the Canadian peak is the lowest of the year. In the first half of 1911, other countries, Russia and Australia, dumped unusually heavy loads on a market that was weak because there had been two large world's crops in successive years. Canada dumped her crop, as usual, a few months later, but, although it was the largest Canadian crop in volume up to that time, it was probably the poorest in quality, only about 41 per cent being of contract grade. Its real weight could not, therefore, be great in a market for contract grade wheat. It found a depression in price, but not in this one case the lowest of the year.

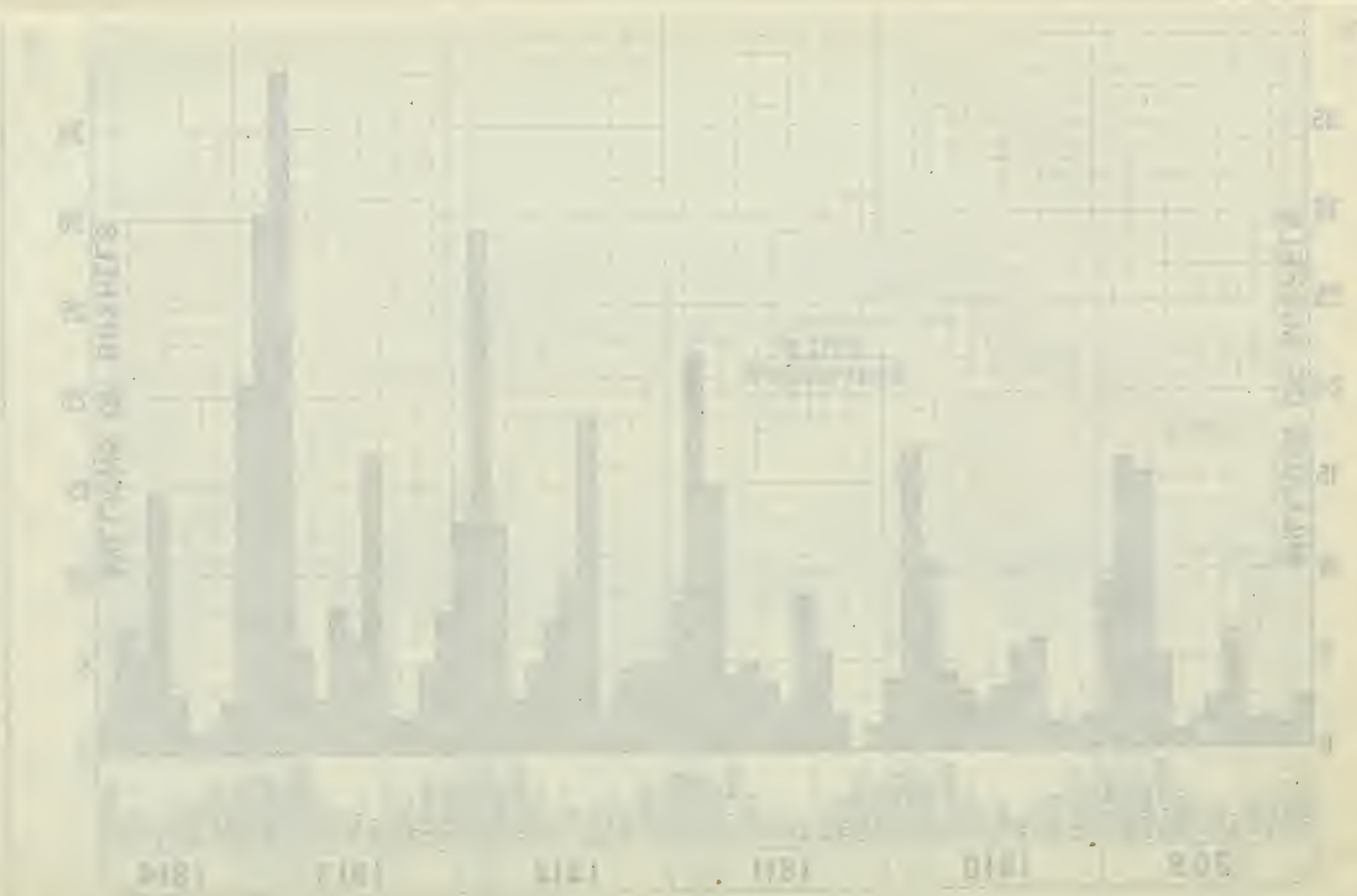
If the eye now follows the smaller peaks in the month of May, which peaks consist of the total in store in April plus the deliveries in May, the combined volume hitting the market, in a slanting direction as it were, in May and June, it will be observed that these peaks also, in every case except 1909, find a declining market. In no case has any large volume of the Canadian crop met a relatively high price. Other countries selling when Canada does are, of course, subject to the same price basis, but a study of the peaks marketed by all other large exporting countries within the above period shows that no other country has marketed so large a proportion of its crop when prices are low as has Canada.

Is this correspondence between the Canadian peaks and price depressions a mere coincidence, and chargeable to temporary bad luck, or is it in the nature of direct cause and effect? Has Canada, on account of financial, or transportation, or other

DIAGRAM Nº13

MONTHLY QUANTITIES OF WHEAT DELIVERED AT(FIG 1)AND SHIPPED FROM(FIG.3) FORT WILLIAM AND PORT ARTHUR IN RELATION TO PRICES AT LIVERPOOL FIG 2 BLACK LINE AND AT WINNIPEG FIG 2 RED LINE





local conditions, merely happened to market a large part of its crop when the world's basis of price must necessarily be low? It would not, perhaps, be surprising if prices in the consuming markets of Europe were regularly lowest in September, October, November, and December, because the greater part of the world's wheat is raised in the Northern Hemisphere and is intrinsically cheapest in those months, and, moreover, Europe's position as a purchaser should at that time be strategically strongest, since she is then secure of many months' supplies, if need be, in her own newly harvested domestic crop. But the records do not show any tendency to extreme weakness in prices at that period of the year, at least in the last three months, previous to 1909. An examination of Liverpool prices from 1909 back to 1898 fails to discover a single year in which the low point was reached in October, in November, or in December. The minimum price is found three times in September when the winter wheat supplies of the Northern Hemisphere are most abundant; twice in January, twice in March, twice in April, once in June, and once in July. On the other hand, the high points during the eleven years previous to 1909 occur once in October, twice in December, once in January, twice in May, twice in June, twice in August, and once in September.

Western Canada, since 1909, has marketed an important quantity of contract grade wheat in October, November, and December, and this is the only part of the world which marketed a large exportable surplus of that grade of wheat in those months, a quantity which was much greater than the current requirements of the United Kingdom, and at times perhaps than the current requirements of all Europe for wheat of that quality, unless at bargain prices, and Western Canada has, since 1909, found a tendency to an extreme weakness in prices where weakness apparently did not previously tend to show itself. These facts justify serious consideration of the hypothesis of direct cause and effect. In the commercial world even a temporary oversupply tends to break prices.

Returning to diagram 13, the eye should now follow the Winnipeg price-line. It will be noted that the Winnipeg prices are never relatively high except when the quantities on the market are small. As soon as volume appears at the terminals, prices tend to go on an export basis, that is, a spread from the Liverpool price appears sufficient to permit of export to Europe. Just this would be expected to be the case. The only points calling for special explanation in the Winnipeg line are the extreme spreads in the autumns of 1912 and 1913. These are the periods of the greatest excess of Canadian marketings when compared with the current requirements of the United Kingdom. Any excess must inevitably begin to feel strongly the competition of inferior wheats, and, if it is to be sold, must tend to approach the price level of these wheats until it becomes a bargain; or, if it is not to be sold, it must decline to a point at which it can safely bear all carrying charges to some future month. In Western Canada this future month is generally May, and the market estimates the carrying charges at 4¼ cents to 5¾ cents. Further, a surplus always tends to set the conditions for the total supply, and an excess at Fort William and Port Arthur must tend to bring down the price of the whole quantity marketed at the same time to the basis on which the excess can be negotiated.

If the figure at the base of the diagram (fig. 3) be now studied in connection with the Winnipeg price-line, it will be seen how large a proportion of each year's crop moves out of the elevators at the lowest price of the year. Take, for example, the crop grown in 1913, which was shipped east in the twelve months beginning with September, 1913, and ending with August, 1914. During the first four months of this crop year, 71·55 per cent of the whole year's surplus was shipped east at the lowest prices of the year. As a considerable part of the subsequent May shipment peak was "hedged" during these months on the basis of current prices plus carrying charges, this quantity should really be added to the autumn peak to represent the full proportion of the crop which Western Canada let go on the depression which

coincided with, or was caused by, its excessive deliveries on the primary market in the last quarter of the year.

Conditions Affecting Cost.—Whether or not the system of marketing in one or two extreme peaks causes lower prices for wheat, it is certain that it tends in some respects to create higher costs. These higher costs may fall upon the producers of wheat, or they may appear to be widely distributed, but any avoidable costs are unnecessary limitations.

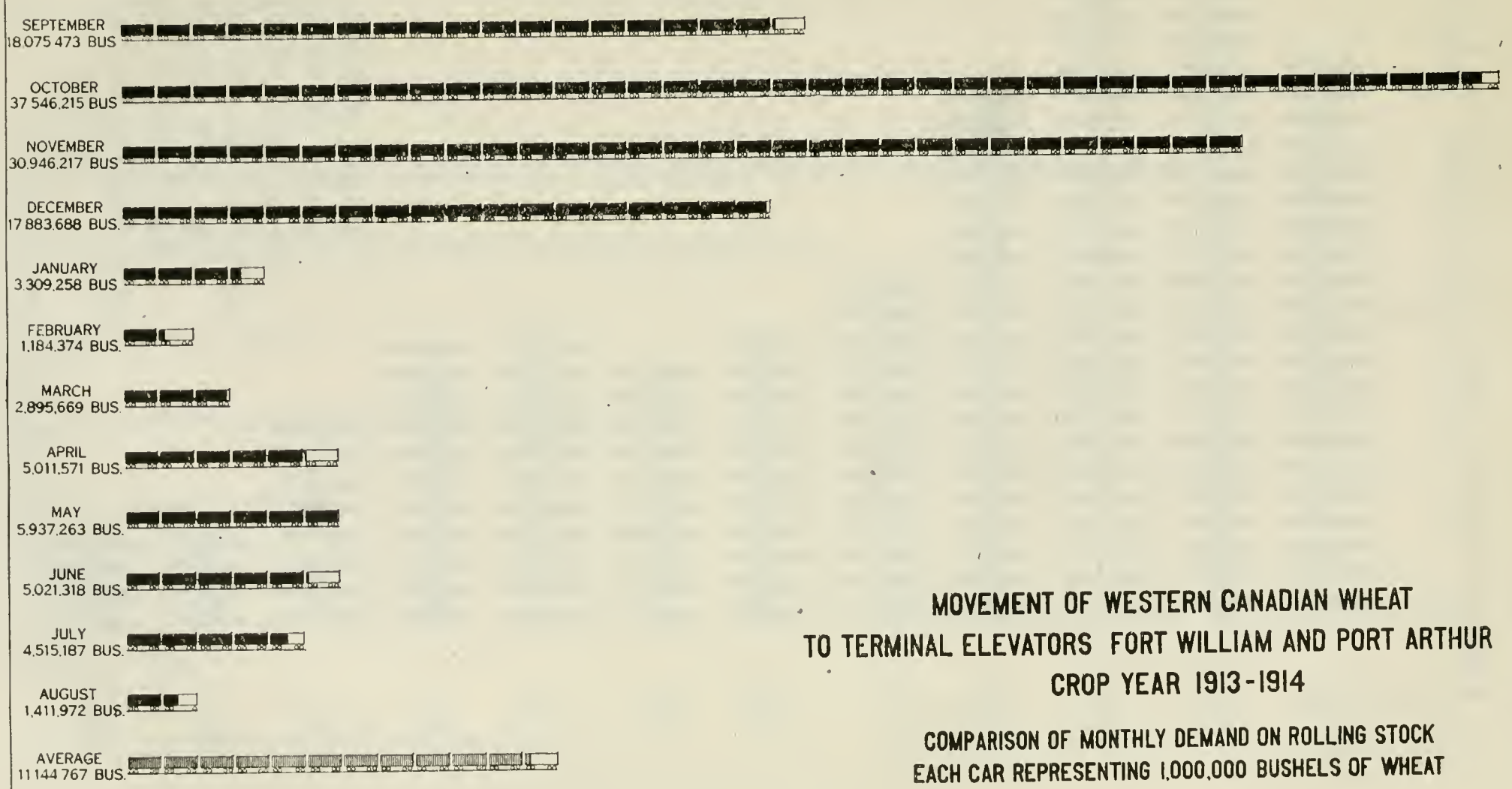
Diagram 14 represents in freight cars the monthly quantities of wheat delivered from the interior to the terminal elevators at Fort William and Port Arthur for the crop year 1913-14. The very large equipment of rolling stock required to move the October shipments, and the small demand during most of the rest of the year, are strikingly evident. In October, 1913, there was delivered at the terminals, 37,546,215 bushels of wheat, and therefore rolling stock sufficient for that purpose was in existence, and a corresponding number of locomotives, and there were all the double tracks and sidings and sorting yards necessary to handle traffic of that magnitude. These things, being in existence, represent a capital investment that calls for twelve months' interest every year. The last string of cars, marked "average," if steadily employed, could have carried all of the wheat in the same twelve months. So far as wheat is concerned, there was really required, under theoretically perfect transportation conditions, a capital investment in railway facilities equal only to the "average" train, which is less than one-third the size of the actual October train. If all grains were taken instead of wheat alone, each of the trains would be longer, but the proportions would not greatly differ. In Canada there is no big load of other traffic with an opposite seasonal distribution, and the "average" train could carry back from the head of the lakes to Winnipeg and the west the maximum load of the present westbound traffic. There is no intention of suggesting perfectly equal monthly shipments of grain as practicable, or even desirable, but there is no escaping the conclusion that present methods create an extra cost in fixed charges which must somehow be met.

The irregularity of the employment of labour in connection with grain traffic is another aspect of this same matter. Diagram 15 shows the maximum number of men employed by the Canadian Pacific Railway Company each month of the above crop year on grain traffic on the Alberta, Saskatchewan, and Manitoba divisions, the last named embracing the lines to Fort William. The men counted were the engineers, firemen, brakemen, and conductors engaged on grain trains, and the yardmen employed because of grain traffic. Exactly the same conditions prevail on the other railways. In the operating departments of the railways there is no compensating demand for labour in the slack grain months. Employment of labour in this manner, apart from its serious sociological bearing, must tend to add to costs.

One further point may be emphasized, in diagram 16, and that is the nature of the demand under the present system for lake vessels to carry the wheat from Fort William and Port Arthur. This part of the subject has already been dealt with from a somewhat different point of view in discussing traffic conditions in the Lake Superior trade. Shippers of wheat in October, 1913, chartered almost three times the number of vessels that would have been required to move the whole year's load if it had been evenly distributed over the same navigation months. In the inserted figure in this diagram the inevitable consequence of such methods appears in freight rates. From September the rates moved upward to a high point in December, the two weeks of open navigation in which month generally witness the most active demand of the season, and fell again toward the low point as traffic declined. The greater part of the shipments bore the higher rates.

Tendencies toward excessive costs must be provided against as carefully as tendencies toward inequitable depressions in price, if the production of, and therefore the traffic in, wheat is to measure up to estimates based on the fertility of the soil and the capacity of the world's consuming markets.

FREIGHT CARS ENGAGED IN WHEAT TRAFFIC.



MOVEMENT OF WESTERN CANADIAN WHEAT
TO TERMINAL ELEVATORS FORT WILLIAM AND PORT ARTHUR
CROP YEAR 1913-1914

COMPARISON OF MONTHLY DEMAND ON ROLLING STOCK
EACH CAR REPRESENTING 1,000,000 BUSHELS OF WHEAT

DIAGRAM No. 14.

LABOUR EMPLOYED IN GRAIN TRAFFIC

MAXIMUM NUMBER OF TRAINMEN AND YARDMEN EMPLOYED ON GRAIN TRAINS ON THE MANITOBA, SASKATCHEWAN AND ALBERTA DIVISIONS CANADIAN PACIFIC RAILWAY IN EACH MONTH OF THE CROP YEAR 1913-1914

NOTE.- EACH FIGURE IN DIAGRAM REPRESENTS 250 MEN

LAKE VESSELS ENGAGED IN WHEAT TRAFFIC.

SEPTEMBER
5,466,217 BUS

OCTOBER
38,023,212 BUS.

NOVEMBER
29,940,293 BUS

DECEMBER
18,671,984 BUS.
PART MONTH

APRIL
4,243,443 BUS.
PART MONTH

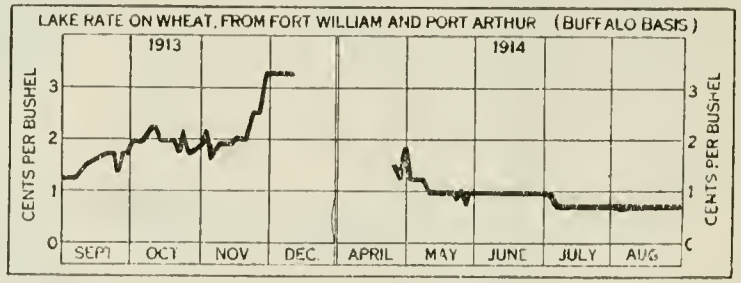
MAY
14,328,451 BUS.

JUNE
5,454,470 BUS.

JULY
6654,694 BUS.

AUGUST
1,914,247 BUS

AVERAGE
13,855,224 BUS.



MOVEMENT BY LAKE OF WESTERN CANADIAN WHEAT
FROM TERMINAL ELEVATORS, FORT WILLIAM AND PORT ARTHUR.
CROP YEAR 1913-'14

COMPARISON OF MONTHLY DEMAND ON LAKE STEAMERS.
EACH STEAMER REPRESENTING 2,000,000 BUSHELS OF WHEAT

DIAGRAM No. 16.

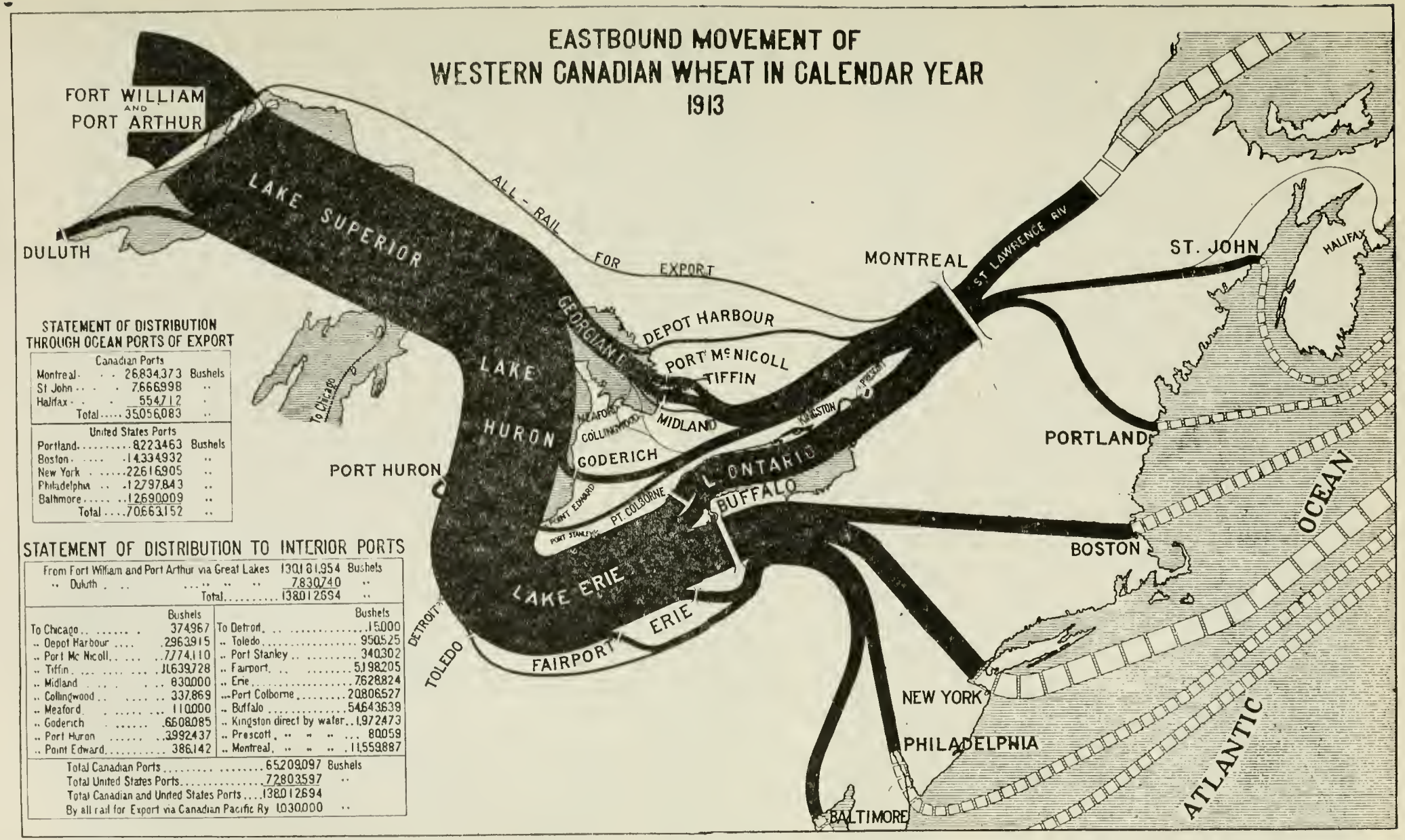
THE ROUTING OF EXPORT WHEAT.

From Fort William and Port Arthur wheat for export to Europe is distributed over many routes to the seaboard, and is shipped from some seven or eight different ocean ports. A part of the wheat follows Canadian routes to Canadian ocean ports, and part is diverted at some stage of its journey eastward to United States routes and to United States ocean ports. It is clearly necessary to examine the distribution of export shipments under normal conditions in order, if possible, to discover the determining causes. Unless the real causes, under present conditions, of the diversion of so much Canadian wheat to United States ports are recognized, it cannot be confidently asserted that any particular change in conditions will materially alter the situation.

What, in the first place, are the facts concerning the present diversion and distribution of export wheat shipments? In diagram 17 are presented the facts for the calendar year 1913. In this diagram the movement of Canadian wheat from the head of the Great Lakes to the seaboard is traced in solid black lines, drawn to a scale of width in accordance with the number of bushels passing over each part of the route. In the tables of figures inserted in the diagram will be found the principal quantities. Some Western Canadian wheat is forwarded each year by rail to Duluth-Superior for shipment from that point. Passing down the lakes this comparatively narrow stream joins the broad stream from Fort William and Port Arthur, and the combined total flows eastward through the St. Marys river. A tiny rivulet then diverges to Chicago and a little later a substantial stream moves toward Georgian bay and is divided up among many ports. The main stream, however, continues south through lake Huron, losing a little to Goderich, a little to Port Huron, and a trifling amount to Detroit. In its passage through lake Erie a very small quantity branches off to Toledo and another to Port Stanley, and quantities of some importance to Fairport and Erie. The chief body of the remaining stream flows straight to Buffalo, the balance swerving northward to be divided between the Port Colborne elevators, from which it is later transhipped, and the all water route to Kingston, Prescott, and Montreal. In the diagram all receipts at Canadian lake ports as well as those at Port Huron are carried through at full width to Montreal, and the export wheat which could be traced as having been shipped all rail in that year is also indicated as arriving at Montreal. It will be observed that the receipts thus shown for Montreal are greater than the wheat exports that passed on through that point. The difference would represent the amount of Western Canadian wheat which was retained in Ontario and in Quebec for milling purposes, or remained in various public elevators. Of the United States ports of export, Portland is represented as being supplied through Montreal, and Boston, New York, Philadelphia, and Baltimore through Buffalo, Erie, Fairport, and Toledo. Boston at times receives Canadian grain by way of Montreal. The width of the line of receipts at Buffalo is a little greater than the line of shipments passing on through Buffalo, for the reason that some Canadian wheat remained in winter storage in vessels lying in Buffalo harbour, and did not pass on within the calendar year.

To arrive at the total proportion which went out through United States ocean ports, the shipments to Portland must be added to the quantities which were diverted from the head of the lakes to United States routes, and which are brought together into one stream east of Buffalo in order that their comparative magnitude may be seen. In round figures two-thirds of the Canadian export wheat in the calendar year 1913 was

EASTBOUND MOVEMENT OF WESTERN CANADIAN WHEAT IN CALENDAR YEAR 1913



STATEMENT OF DISTRIBUTION THROUGH OCEAN PORTS OF EXPORT

Canadian Ports		
Montreal	26,834,373	Bushels
St John	7,666,998	..
Halifax	554,712	..
Total	35,056,083	..

United States Ports		
Portland	8,223,463	Bushels
Boston	14,334,932	..
New York	22,616,905	..
Philadelphia	12,797,843	..
Baltimore	12,690,009	..
Total	70,663,152	..

STATEMENT OF DISTRIBUTION TO INTERIOR PORTS

From Fort William and Port Arthur via Great Lakes	130,181,954	Bushels
.. Duluth	7,830,740	..
Total	138,012,694	..

	Bushels		Bushels
To Chicago	374,967	To Detroit	15,000
.. Depot Harbour	2,963,915	.. Toledo	950,525
.. Port Mc Nicoll	7,774,110	.. Port Stanley	340,302
.. Tiffin	11,639,728	.. Fairport	5,198,205
.. Midland	830,000	.. Erie	7,628,824
.. Collingwood	337,869	.. Port Colborne	20,806,527
.. Meaford	110,000	.. Buffalo	54,643,639
.. Goderich	6,608,085	.. Kingston direct by water	1,972,473
.. Port Huron	3,992,437	.. Prescott	80,059
.. Point Edward	386,142	.. Montreal	11,559,887

Total Canadian Ports	65,209,097	Bushels
Total United States Ports	72,803,597	..
Total Canadian and United States Ports	138,012,694	
By all rail for Export via Canadian Pacific Ry	1,030,000	..

Diagram No. 17.

shipped through United States ocean ports, and one-third through the Canadian ocean ports. Quantities and proportions differ in different years, but a considerable diversion to United States routes appears to be the normal condition, although the normal proportion so diverted could be determined only after further examination of the facts.

Yearly total figures, such as represented in the above diagram, do not often supply sufficient material for a study of causes. To secure the necessary material there were taken, from the original records at Fort William, Port Arthur, and Duluth, particulars of every shipment of Canadian grain, and from the files of ships' manifests at Montreal, St. John, and Halifax the name of every vessel loading Canadian grain, distinguished as liner or tramp, with the date of loading, the quantity of each kind of grain carried and the port to which it cleared; and through the courtesy of the Department of Commerce, Bureau of Foreign and Domestic Commerce, at Washington, a competent statistician compiled, from the original records there, monthly details of the movement of Canadian products, in bond, through the United States ocean ports. This material covers the three calendar years 1911, 1912, and 1913.

Causes of Diversion.—Diversion may have been due to one or more of many causes: the physical inability of Canadian routes to handle more traffic; the superior speed or certainty of other routes; relative freight rates; financial, or other private business considerations, or personal preferences on the part of the shippers; conditions of ocean transportation. It will, therefore, be important to examine in more detail the movement of Canadian export wheat.

Diagram 13, which contains three figures, represents the manner in which Canadian export wheat leaves Canada month by month, by being shipped from Canadian ocean ports and being diverted to United States routes. The quantities shown as diverted to the United States do not always pass through United States ocean ports in the same months in which they are diverted from Canada; and this diagram, therefore, is not a direct comparison, by months, of ocean shipments, but only of shipments from Canada.

Fig. 1 shows the total shipments from Canada, the solid black portions of the monthly columns being the shipments from Canadian ocean ports, which are called "direct exports," and the balance of the columns the quantities diverted to United States routes, called "indirect exports." In figs. 2 and 3 these direct and indirect exports are shown separately.[1]

If fig. 2 is examined, it will be noted that it possesses some general regularity of form. In the months of December, January, February, March, and April the port of Montreal is closed, and the exports during these months are through the ports of St. John and Halifax, and are substantially equal in amount. In the month of May export from Montreal begins and continues until the end of November. During these months the exports are much greater in quantity; and if an imaginary line be drawn from the tops of the May columns to those of the November columns the idea is suggested that the almost rectangular figures thus formed represent in some way the capacity, or the usefulness, of the Montreal route, under the conditions that prevailed in each of the three years under review. Montreal does not export the same amount each month, the most marked departure from substantial evenness being found in the months of September and October in the years 1912 and 1913. That less wheat was shipped in these months was not due to there being no Canadian wheat for export, as appears from fig. 1. A study of Canada's total exports of all goods month by month discloses the tendency to crowd all exports upon the last third of the year. In September, October, and November the vessels arriving at Montreal are offered more cheese, apples and higher class goods than in the earlier months of the season, and the irregularity in the shipments of wheat may be due to the irregular offerings of

[1] Appendix, Table 29, p. 115, Statistics, 1909-13.

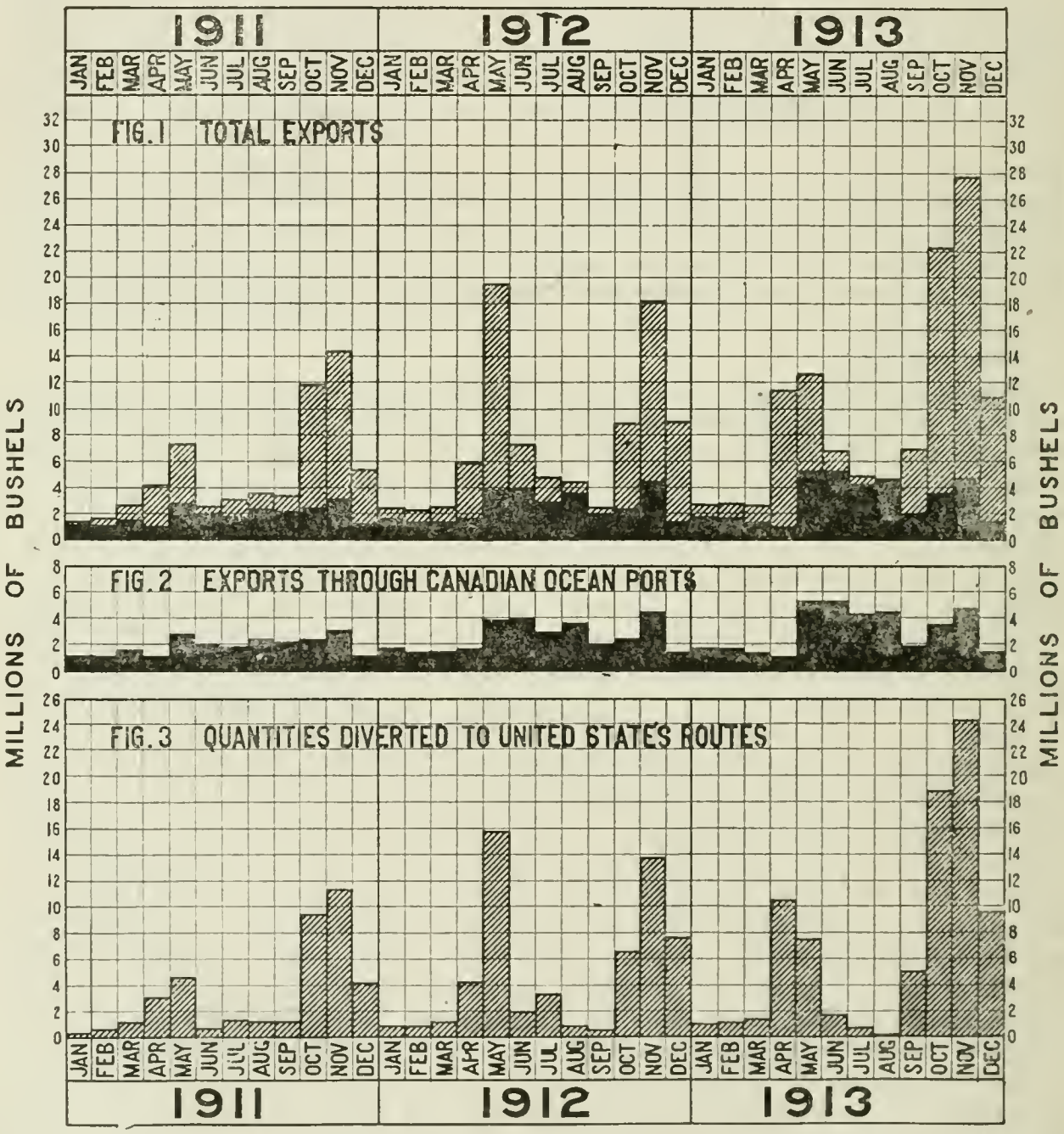
other freight, which carried somewhat higher rates and would be given the preference accordingly. The increased shipments in the month of November, when large quantities of other freight are still offering, may, perhaps, be explained by the higher freight rates obtainable for wheat in that month, which may have made it profitable for vessels to go to the expense of increasing their freight accommodation, which could be done in combination liners, for example, by fitting steerage quarters for package freight, thus leaving more space in the holds for wheat. It is not intended at this stage to assume any definite explanations, but only to point out the approach to regularity of form in the direct exports of Canadian wheat, in order that the entirely different character of the indirect shipments (fig. 3) may be observed.

The only regularity about the traffic diversion to United States routes is the fact that these routes carry the two peaks Western Canada thrusts forward. The first suggestion from this diagram, as a whole, is that the Canadian ports do a certain more or less regular business, and the United States routes carry the peaks of the loads. It is clear that the United States routes are not always competitors of the Canadian routes with the same effectiveness. From the relative quantities in the month of November, 1913, as shown in fig. 1, it cannot, for example, be inferred that the United States routes can always successfully compete with anything like the proportionate results there shown, for in the month of August, 1913, Montreal took nearly all the wheat offered, and in many other months it secured by far the larger quantities. Montreal exported more Canadian wheat than any other single port, New York coming second, Boston third, Philadelphia fourth, Baltimore fifth, Portland sixth, and St. John seventh.

The closing of navigation on the St. Lawrence in the winter months is a physical limitation on the Canadian routes, which may well have some effect on total yearly quantities shipped. During the period of open navigation, however, there is no climatic cause of diversion and shipments through Montreal may, therefore, be more particularly studied. That Montreal's proportion of the total export shipments of Canadian wheat in 1911, 1912, and 1913 was not larger cannot be satisfactorily accounted for, either by the physical shortcomings of the routes to Montreal from the interior, or by the inadequacy of the equipment on them. The St. Lawrence and Welland canals have never carried more than a moderate fraction of the traffic that could be passed through them; and, as we have seen, many Canadian vessels of "canal size" spend most of the season in the open lake trade, so that no continued shortage of vessels suitable for the all-water route could have been experienced. With regard to the lake-and-rail routes to Montreal, the capacity of the water section, could, of course, be limited only by the number of vessels available. Canadian vessels in those years carried all the Canadian coasting traffic in wheat, supplying Canadian millers as well as export requirements; they were not, on the average, fully loaded eastbound, as has been shown; and they were left free to carry some cargoes to United States ports, that is, to participate in the diversion. In October, 1913, there was loaded into Canadian vessels at Fort William and Port Arthur 14,020,901 bushels of wheat, and in the following month 13,126,533 bushels of wheat: the greatest month's export of wheat through Canadian ports was in the month of May, 1913, when the quantity was only 5,243,408 bushels; so that Canadian vessels on the lakes have loaded in each of two consecutive months over 2½ times the quantity of Canadian wheat that Canadian ocean ports have ever shipped in a month. Even if Canadian lake tonnage had been deficient, more Canadian wheat might have been shipped in United States vessels to such a point as Port Huron, from which Canadian rail lines could have carried it to Montreal; or to Buffalo, from which Canadian, or United States, vessels could have carried it by water to Montreal; and again more Canadian wheat might have been directed from the interior to Duluth-Superior where it could have taken United States vessels to Canadian ports. No ques-

DIRECT AND INDIRECT EXPORTS OF CANADIAN WHEAT

SOLID BLACK..... EXPORTS THROUGH CANADIAN OCEAN PORTS
HATCHED ..... QUANTITIES DIVERTED TO UNITED STATES ROUTES


1911
1912
1913
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
FIG. 1 TOTAL EXPORTS
FIG. 2 EXPORTS THROUGH CANADIAN OCEAN PORTS
FIG. 3 QUANTITIES DIVERTED TO UNITED STATES ROUTES
MILLIONS OF BUSHELS
MILLIONS OF BUSHELS

tion can be raised about the ability of the rail lines across southern Ontario to handle in a season more ex-lake traffic than they have ever yet received.

Nor is any easy explanation found in freight rates. It would appear that the Canadian wheat that was diverted to United States ocean ports paid higher rates to the seaboard than did the wheat shipped to Montreal. An examination of regular and special tariffs for several years has failed to discover any period in which United States routes to the seaboard for Canadian wheat were allowed to have an advantage in freight rates over Canadian routes.

Montreal in 1914, with no corresponding increase in handling plant, exported 82 per cent more wheat than in 1913, or 38 per cent more of all grains, the greater part being United States products. Montreal's mechanical equipment could have handled more wheat than it did in 1911, 1912, and 1913, if more wheat had been offered.

Whatever may be the need of increased handling facilities at Montreal, of an enlarged fleet on the lakes and of better service on the railways, it would appear that present deficiencies in these respects do not completely explain why it was, for example, that only one-third of Canadian export wheat in 1913 passed through Canadian ocean ports.

Before attempting to estimate the diverting power of other possible causes, it may be well to inquire first into the conditions of transportation on the ocean. The exporter of wheat wishes to ship wheat to Europe. If he cannot ship right through to Europe in time to fulfil a contract offered him and at a total cost for the whole journey that will leave him a satisfactory net price, he will not ship at all. He may have preferences as to routes and ports, but he must at any given time choose the through route and the combined through rate that will enable him to do business. If the explanation of his routing of Canadian export wheat does not readily appear in local conditions between Fort William and Port Arthur and the seaboard, the final stage of the through route must be examined.

As in the case of traffic on the lakes, there should be some understanding of the types of vessels, of their distribution, of load factors, of freight rates, and perhaps of various incidental costs and charges.

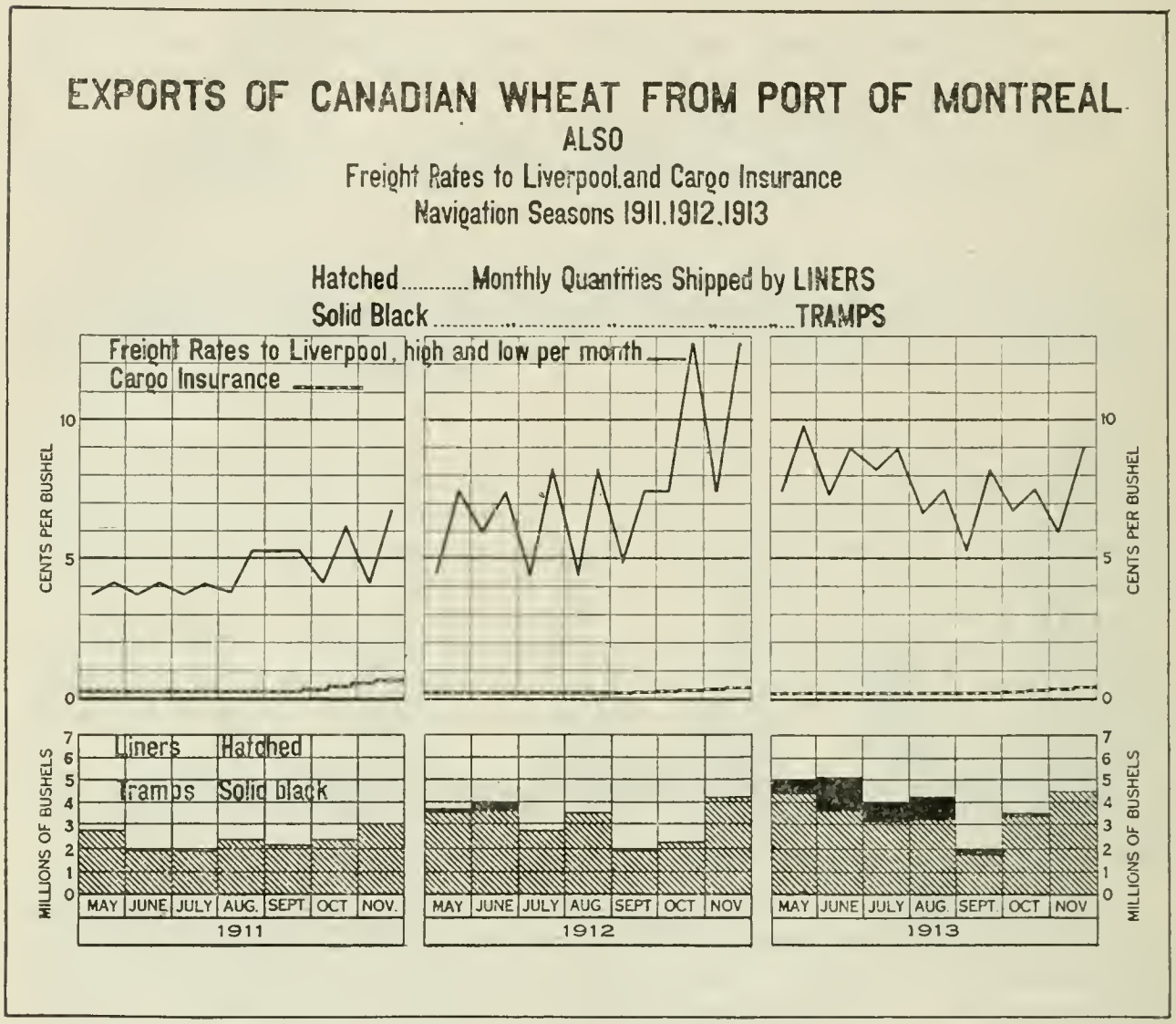
Liners and tramps.—In 1912, the overseas commerce of the world was conducted by more than 25,000 steamers, of which 1,555 were "liners" and 23,500 "tramps." Vessels engaged in regular-line service, that is, vessels upon a fixed route and with a definite schedule of sailing dates, are known as "liners." The "tramps" are free to sail anywhere in search of a profitable cargo, and to be chartered by the highest bidders in the great shipping exchanges of the world. The 25,000 ocean carriers in 1912 were owned by approximately 4,200 different companies, firms, and individuals, and the 1,555 liners by 108 different companies.[1]

The functions performed by these two general classes of ocean carriers differ in many important respects. Tramps cannot perform as satisfactorily as liners many of the services required in modern commerce, but with respect to such traffic [illegible] the two classes are directly competitive.

[1] Investigation of Shipping Combinations, evidence before the Committee of the Merchant Marine and Fisheries, House of Representatives, 62nd Congress, Hearings, Volume 2, p. 1372.

In diagram 19 the relative quantities of Canadian wheat carried by liners and by tramps from Montreal in the years 1911, 1912, and 1913 are indicated. The figures are as follows:—

DIAGRAM No. 19.



CANADIAN Wheat Shipped from Montreal by Liners and by Tramps.

Compiled direct from Ships' Manifests.

Month.	1911.		1912.		1913.	
	Liners.	Tramps.	Liners.	Tramps.	Liners.	Tramps.
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
May	2,709,058		3,553,283	27,036	4,348,493	528,337
June	1,928,485		3,619,841	380,296	3,633,585	1,429,635
July	1,879,246		2,775,194		3,199,444	704,622
August	2,365,266		3,553,768		3,279,110	939,727
September	2,167,843		1,983,463		1,775,171	122,284
October	2,341,751		2,284,683		3,357,505	69,818
November	3,102,492		4,534,723		4,446,642	
Total	16,294,141		22,304,955	407,332	24,039,950	3,794,423

It will be noted that tramps carried no Canadian wheat from Montreal in the year 1911; that they carried a little in May and June, 1912; and that in 1913 they carried an appreciable quantity in several months of the season. Of the total wheat exports for the three years, tramps carried 5·66 per cent. In 1913 the percentage was 13·63, and in the month of June in that year they carried 28·23 per cent of the monthly total. It is evident that tramps proved in those years only a small and irregular factor in the wheat trade.

In the same diagram there is indicated the range, from lowest to highest, of ocean freight rates on wheat, month by month, from Montreal to Liverpool,[1] which may be taken as representative of freight rates to Europe. In 1911, freight rates were the lowest of the period. In that year there were no tramps. In May and June, 1912, the range had moved higher, and there were one or two tramps. In 1913 there was a distinct and sustained elevation of rates for the greater part of the season, and there were many tramps. In October and November, 1912, on the other hand, some rates were very high and yet no tramp cargoes are reported. All that can be said, therefore, from this examination of shipments in relation to freight rates, is that in 1911, 1912, and 1913 no tramp vessel took from Montreal a cargo of Canadian wheat except when freight rates were comparatively high, but that tramps were not attracted on every occasion on which the rates were high.

Merely incidentally, there are also introduced in diagram 19, lines indicating cargo insurance out of Montreal,[2] drawn to the same scale as the freight rates. Wheat is assumed to have been worth $1 per bushel at the seaboard, and a rate of 25 cents per $100, for example, to have been equivalent to a charge of one-quarter cent per bushel. Whatever may be the effect of relative insurance rates on the diversion of wheat traffic, it is perfectly clear that cargo insurance cannot be the immediate cause of this diversion. There are big forces of some kind swinging freight rates up and down, in comparison with which cargo insurance is a very small factor.

The next question that may naturally arise is as to the part played by tramp vessels in the grain traffic of those North Atlantic ports of the United States which attract so much Canadian wheat. The following are the figures for the four years, 1910-13, of the tramp cargoes of grain of all kinds loaded at Boston, New York, Philadelphia, and Baltimore:—

Year.	Boston.	New York.	Philadelphia.	Baltimore.
1910			1	11
1911		4	14	17
1912		24	36	58
1913		20	34	129

It is obvious that it was not the large numbers of tramp vessels in the grain trade out of Boston and New York that can explain the diversion of Canadian wheat to those ports. In 1903, Boston loaded two tramp cargoes of grain, but apparently no more from that time to the end of 1913. In 1903, New York recorded eleven tramp grain cargoes, but from 1903 to 1911 not a single tramp cargo is recorded. According to records since 1878, Baltimore has loaded tramps every year, and Philadelphia every year but one, 1904; but on the average more tramps were loaded at Baltimore than at Philadelphia. In the appendix[3] will be found figures covering this whole period, which indicates that, since 1900 and up to the beginning of the war, tramp vessels were but

[1] Appendix, Table 30, p. 116, Statistics, 1909-14.

[2] Appendix, Table 31, p. 116, Statistics, 1911-14.

[3] Appendix, Table 36, p. 127, Statistics, 1878-1915.

a small factor in the North Atlantic grain trade. The liners evidently dominate the wheat exports.

Ocean Freight Rates on Wheat.—It will be desirable at this point to take a somewhat wider survey of the problem and inquire whether the changes in ocean freight rates just noted in the Montreal-Liverpool route, and which would seem to have been under the influence of powerful forces, are local in character, or peculiar to the Canadian port or even to the North Atlantic trade. Material for this survey has been obtained through the courtesy of Broomhall's Corn Trade News, at Liverpool, and Comtelburo's Daily Freight Register, at London. Mr. Broomhall was asked particularly for rates to Liverpool, which is the leading port of the United Kingdom for liners, the quotations to cover liner, or "berth," rates as well as tramp rates, and from his records furnished current rates, not necessarily confined to Liverpool rates, quoted on the first business day of each week, from January, 1909, until December, 1914, from the following ports: from New York, in the United States; from Odessa, the principal Black Sea port of Russia; from Karachi, the leading grain port of India; from the River Plate, down River, in the Argentine; and from Australia. The Baltic Exchange in London is the greatest charter market in the world for tramp vessels, and quotations from the Daily Freight Register are exclusively tramp rates and are in the form of high and low rates per month to the United Kingdom from the same ports, but including also tramp rates from Canadian Atlantic ports. The tramp rates from New York, Philadelphia, and Baltimore are generally the same, or rather tramps are generally chartered to load "Atlantic Range," that is, with the option to the shipper to select any one of several ports on the North Atlantic coast of the United States which have come by the custom of the trade to be placed upon the same basis, and this has some interesting consequences. Tramp rates from the Daily Freight Register are therefore "Atlantic Range" rates rather than New York rates.

These two sets of quotations have been charted in diagram 20.[1] Ocean freight rates are, of course, almost always quoted in shillings and pence and the unit of weight is sometimes the quarter (eight bushels), and sometimes the ton, and there are several different kinds of tons, according to the usage of each trade. For the purpose of this diagram the quotations received as above have been reduced to the common basis of cents per bushel of 60 pounds.

To fig. 1 have been added the freight rates from Montreal to Liverpool, which were used in diagram 19. These Montreal rates are represented in their range from high to low per month and therefore are in a different form from the other rate lines, which are based on a single quotation per week, but if the general trend of the Montreal rates be followed, comparisons can be made without difficulty.

Points to be noted in this diagram are:—

1. The remarkable parallelism of the main rate lines. By looking at the figures as a whole this fact can be clearly seen, and the point should be carefully noted. If the Argentine rate line be temporarily disregarded and attention fixed on the rate lines of Australia, Karachi, Odessa, and New York, the tendency is clearly apparent for these lines to maintain approximately the same proportionate distance from each other throughout the whole period. Marked temporary fluctuations occur in the individual lines, which may not instantly show themselves in the other lines, but there are few cases in which an important upward or downward movement in any one line does not stand in relation to a somewhat corresponding movement in the other lines within a period of two or three months.

2. That the spaces separating these main rate lines seem to bear some relation to the differences in distance from the United Kingdom. Odessa is 400 or 500 miles

[1] Appendix, Tables 32-33, pp. 117 to 124, Statistics, 1909-14.

more distant than New York; Karachi is almost twice as far from the United Kingdom as is New York; and the shortest route from any important Australian port is about three and a third times as long as the route from New York, though some routes from Australia by way of the Cape are about four and a third times the length of the route from New York.

3. That the New York and Montreal rates are, on the whole, the lowest rates to the United Kingdom enjoyed by any of the ports, and, except at one or two period the range of the rates from Montreal does not differ widely from the range of rates from New York. No exact comparison can be made between the Montreal line a the New York line because the former moves sharply between the highest and the lowest rates in each month while the latter flows between specific rates taken once a week. A study in detail of the relation between Montreal and New York rates would require more material than is supplied in this diagram.

4. That on two or three occasions Montreal rates appear relatively high or relatively low, but that Montreal rates are, on the whole, clearly subject to the same general forces as operate on other rates. It was in the first half of the navigation season of 1913 that Montreal rates were highest, relatively, being then higher than Odessa rates and as high as some Argentine rates. It was in this period Montreal had the greatest number of tramps shown in diagram 19. Montreal rates were not relatively high in October and November, 1912, although actually higher than in 1913, and there were no tramps. In the beginning of the season of 1912, when the range was much lower, Montreal rates were relatively high when compared with New York and Odessa and there were one or two tramps. It is possible, therefore, to amplify the inference from diagram 19 by stating that in the period examined tramps entered the Montreal wheat trade only when rates were relatively high.

5. That the tramp rates in fig. 2 tend to be higher than the rates in fig. 1. This is the case with every individual rate line. Some allowance must be made for the difference in the way the rates are quoted for these two figures, but as it is not understood that Liverpool regularly enjoys, under equal conditions, more favourable rates than other leading ports of the United Kingdom, it is probable that the liner rates included in figure 1 give to that figure a lower range than is found in the exclusively tramp rates in fig. 2. In other words, it is probable that tramps enter every wheat trade, as well as the Montreal trade, when rates are comparatively high. Among the details that may be noted under this heading is that New York and Montreal do not seem to have the lowest rates in fig. 2 as regularly as in fig. 1, the advantage often resting with Odessa. New York and Montreal seem to have paid relatively more for their tramps than for their liners. The merely occasional character of tramp business with Montreal is shown by the scattered quotations. The New York, or more correctly the "Atlantic Range" tramp rate line is also very much broken. It is suggested by fig. 2, therefore, that the tramp is a much more permanent factor in all the other trades than it is in the North Atlantic trade.

The Argentine rates cover a wider range in the period than any other rates. At the beginning of January, 1909, they held almost exactly their proper position in relation to distances, but for the following years they remained relatively low, while in 1912 and during parts of 1913 and 1914 they appear to have been unduly high. The somewhat erratic character of the Argentine rate line need not necessarily disturb such inferences as seem indicated by the general relationship between the other rate lines. One great trunk line of ocean travel from the United Kingdom and Northern Europe sweeps across the North Atlantic to the United States and Canada, while the other great trunk line sweeps through the Mediterranean, with branches to the innumerable ports there and on the Black Sea, and on through the Suez canal to the Indian ocean where it divides, one branch going to India and the Far East and the other to Australia. On account of the magnitude of the trade tributary to these two great trunk lines and to the variety of traffic and the number of ports, particularly on the

Mediterranean and Far Eastern trunk line, it might be natural to expect that traffic conditions, and therefore freight rates, would tend to be somewhat more stable than in the case of the minor traffic route through the South Atlantic ocean. Moreover, Suez Canal tolls, which during this period averaged about $1.25 per registered ton (Suez measurement), would prevent extreme reductions in rates from India and Australia, for this fixed charge, being on vessel capacity, would become relatively heavier as rates declined or vessels were less fully loaded. When traffic increased and vessels became relatively scarce, as they did in 1912, and when these world conditions coincided with some relative decrease in imports by the Argentine, it might be expected that rates in the South Atlantic trade would sharply rise. On the average for the whole period, however, the Argentine rates preserved about their relative place on the scale.

Competition on the ocean.—If it be assumed that the law of supply and demand has almost free, and even uncompromising, play upon the ocean, then it would be expected that there would be wide and sometimes rapid changes in rates; low rates in dull times such as preceded 1912; high rates when the pressure of traffic increases, and the supply of vessels becomes relatively or absolutely reduced, both of which conditions occurred in 1912. If, now, it be further assumed that there is effective competition among the 23,500 tramps, and, in certain classes of goods and under certain conditions, between the tramps and the 1,555 liners, and also more or less active competition among the liners themselves, then it would be expected that any tendency in rates would be quickly communicated to every ocean trade, and, whether rates were high or low, that in every trade, as soon as the machinery of competition could operate, rates would tend to be adjusted to a common basis of earning value to the vessels, that is, so adjusted that vessels in one trade could not earn much more than vessels in any of the other trades. This would mean an adjustment bearing some relation to distance, but modified by time, load factor, and incidental costs.

Whatever may be the correct conclusions upon the general theory of ocean rates, the facts regarding wheat rates for six years are as set forth in diagram 20. It has never been found practicable to effectively organize the 4,100 owners of tramp vessels for the fixing of rates. Competitive bidding is provided for in tramp markets at leading centers throughout the world and these centers are in constant cable communication with each other. Wheat is an entirely suitable cargo for tramps. It is also highly desired by liners to supplement other freight. Liners on the North Atlantic, before the days of freight conferences, occasionally carried parcels of wheat for nothing, and even purchased wheat when ballast was needed. Under conference conditions a minimum rate of 3 cents per bushel has been agreed upon, but even then a liner is free to carry up to 96,000 bushels at a lower rate on any trip when more ballast is required.

A combination liner, that is a vessel fitted to carry both passengers and freight, is probably, when on a good trade route, the most successful type of ocean carrier. Having some passengers, and some high-class freight, the combination liner, when it wants wheat, can afford to carry it at a rate the tramp cannot meet. A large proportion of the comparatively few combination liners in the world are in the North Atlantic trade, which is pre-eminently the liner trade. These liners take what wheat they want before the tramps can get a chance at it. To do this they must, as a general rule, keep their rates on wheat within the minimum fixed by the worldwide tramp competition, and within that limit they may be expected to demand on every shipment as high a rate as possible. Competition among the liners themselves must also be a factor of some importance

Effects on Canadian Wheat Exports.—Returning, now, to the distribution of Canadian wheat exports as between Canadian and United States ocean ports, it may be

OCEAN FREIGHT RATES ON WHEAT TO UNITED KINGDOM FROM CHIEF EXPORTING COUNTRIES.

CANADA. MONTREAL ..... 2.800 Miles ------
UNITED STATES. NEW YORK..3.100 ·· ——
RUSSIA. ODESSA. Black Sea..... 3.500 Miles
ARGENTINE. RIVER PLATE. Down River... 6.200 ·· ——
INDIA. KARACHI..... 6.100 Miles ——
AUSTRALIA. via Cape Good Hope. 10/13.000 ··

NOTE - DISTANCES ARE ONLY APPROXIMATE

FIG. 1 AS REPORTED AT LIVERPOOL Broomhall's "Corn Trade News". One rate weekly. Montreal High and Low per month.

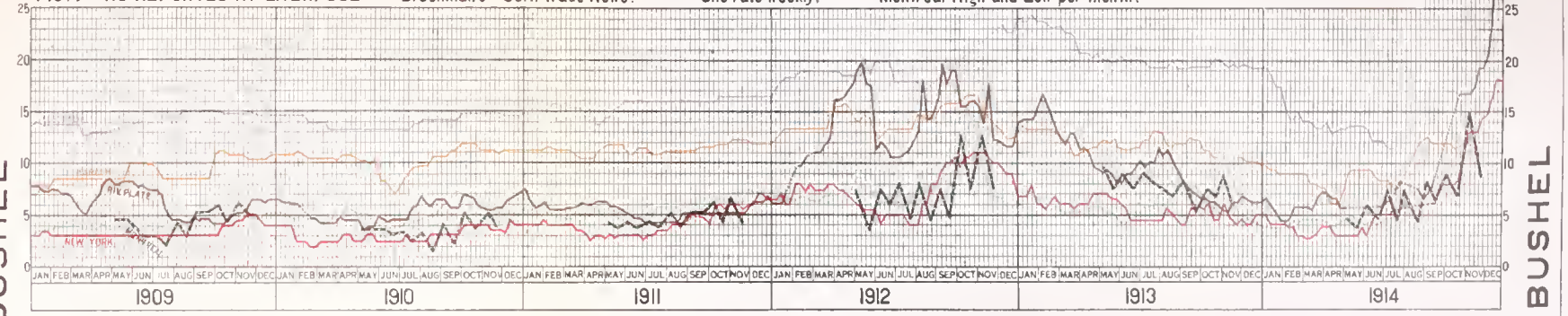
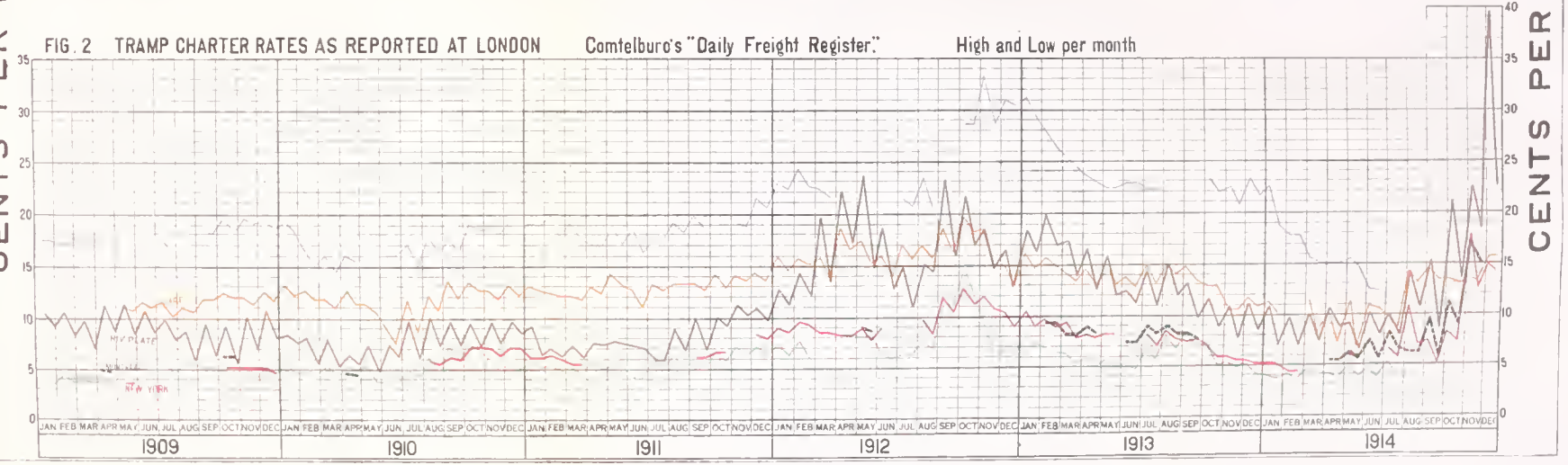


FIG. 2 TRAMP CHARTER RATES AS REPORTED AT LONDON Comtelburo's "Daily Freight Register". High and Low per month



CENTS PER POUND

suggested that the facts clearly indicate that the liners in the Montreal trade first take what Canadian wheat they want; that the liners at Boston, New York, Philadelphia, and Baltimore have the second call on the business; and that when the liners are satisfied the tramps enter the trade and they enter it first at Baltimore and Philadelphia, and when the rates become relatively high they go to Montreal.

Fig. 2 of diagram 19, with its regularity of form, represents the capacity for wheat of the liners in the Montreal trade during the summer, and those in the St. John and Halifax trades in the winter. With liners, the capacity for wheat is, under ordinary conditions, the amount of cargo space not engaged for higher class goods. In the latter part of the season better-paying freight offers more freely and less space is left for wheat, but if the rates on wheat go up sufficiently the liners may enlarge their accommodation for freight. That the liners in the Montreal trade have the first call on the business is indicated, not merely by the comparative regularity of their takings, but by the fact that they sometimes take nearly all the wheat offering. So long as the Montreal liners will carry wheat across the Atlantic at rates not exceeding those of the liners from New York or other United States ports, the through Canadian route should be cheaper than the through routes by way of the United States, because the rates on Canadian wheat from the interior to Montreal are generally, if not always, lower than to the United States ports. Whether costs per unit of cargo on the Montreal route justify as favourable a rate as from New York may later be inquired into, as may also the practical effects on rates of the provision inserted in the contracts between certain liner companies and the Dominion Government in connection with the granting of subsidies, to the effect that rates from Montreal must not exceed rates from New York. At this point, however, it is sufficient to say that the Montreal liners seem to have the first choice of Canadian export wheat. Their immediate competitors are the liners at United States ports.

When the Canadian liners have no more space they care to devote to wheat at current rates, the competition for the balance is between the liners along the United States coast and the enormous fleet of tramps scattered throughout the world. If the United States liners desire more cargo they can secure what they want of the Canadian surplus wheat by making rates slightly below the basis fixed by general tramp competition. As Europe buys only so much wheat for delivery each month, there is not always serious conflict between seaboard shipments of Canadian and United States wheat, because if more Canadian wheat has been purchased for shipment in a certain month it is probable that less United States wheat will be pressing for export at that time. A glance back at the wheat lines running to Boston, New York, Philadelphia and Baltimore, in diagram 18, suggests that these lines are in proportion to the liner capacities at these various ports and do not represent any wild scramble for business.

After the liners along the North Atlantic have engaged to carry all the Canadian wheat they are prepared to take within the rates fixed by tramp competition, what remains over of the wheat must seek tramp vessels and offer rates to attract them. Charter rates from Atlantic range ports are regularly lower than from Montreal or from ports on the gulf of Mexico, and reasons could be advanced why they might be expected to be somewhat lower. Whenever tramp rates from Atlantic Range ports are lower than from other ports accessible to Canadian wheat, then the tramps will probably first enter the trade at Baltimore and Philadelphia, for the reason that these two ports, with the sanction of the Interstate Commerce Commission, enjoy a differential on ex-lake grain of three-tenths of a cent per bushel over New York and Boston, and, if a shipper can engage a tramp at Baltimore or Philadelphia for the same rates as from New York or Boston, he can save three-tenths of a cent per bushel by shipping from the former ports. On all rail shipments from or through Chicago, Baltimore enjoys a slightly higher differential than Philadelphia, and it may be for this reason Baltimore stands first in tramp shipments of grain. Tramp vessels may occasionally be in such positions that they are willing to report at Montreal on favourable terms

as compared with any other North Atlantic port, but as a general rule rates offered for tramps from Montreal must be relatively high.

The above general interpretation of the facts adduced is offered only as a tentative working hypothesis. Very many more facts and conditions must be taken into consideration. Liners sail from United States ports to many ports not reached by liners from Canadian ports and some shipments may not be open to competition by Canadian liners. Again, wheat merchants in the United States buy Canadian wheat on the depressions in price accompanying extreme marketings and help to carry over the excess. The peaks shown in diagram 18 as diverted to the United States, appear in reduced form in the shipments from United States ocean ports, the balance being spread over several months to meet the conditions of European demand. In so far as individuals, whether merchants of the United States or of Canada, may choose to finance and to hold this excess in the United States, there is brought into play a diverting force of a different kind from those just considered. The whole appearance of the facts so far assembled suggests, however, that general transportation conditions on the ocean are among the fundamental causes of wheat diversion and that these other influences and motives may be only modifying factors.

But why are there not more liners in the Canadian trade? If the large surplus of Canadian wheat and other products which now seeks other ports of export could be carried to Montreal at least as cheaply, and generally more cheaply, why have not more vessels entered the regular trade between Canada and Europe? The distance on the Montreal route is rather shorter than on other routes and the time cannot be longer; what, then, of the load factor?

Load factor on the North Atlantic.—The importance of load factor in the transportation problem has already been discussed (p. 25). Liners are vessels committed to particular routes, and, in order that they may be able to command their share of competitive traffic, they must so arrange their load factor that they can afford to meet the rates of liners on alternative routes, and also the rates fixed by tramps on the basis of world-wide supply and demand.

To satisfy the conditions in any trade there must be vessels enough available to carry the peak of the load, but it may not be possible to keep regularly on any route liners enough for this purpose. With traffic irregularly offered the season's load factor might be so unfavourable and costs per unit of cargo so high, that competitive rates could not be met.

Canada's total exports to Europe of all classes of goods increased, with irregular monthly fluctuations, to a great peak in the autumn months, while the imports from Europe are pretty regularly distributed throughout the whole year. Measured by value, Canada, in the calendar year 1913, exported to Europe, in January, February, March, and April, goods to the value of $43,146,701; in May, June, July, and August, goods to the value of $69,838,920; and in September, October, November and December, goods to the value of $124,894,678.[1]

On the other hand, Canada imported from the United Kingdom, from which the greater part of its European imports come, in the first four months of the same year goods to the value of $46,646,995; in the second four months, goods to the value of $51,840,477; and in the last four months, goods to the value of $42,035,837.[1] The goods shipped to Europe are largely natural products of great bulk in proportion to value, while the goods imported from Europe, being chiefly finished products, occupy comparatively little cargo space. If the Canadian routes were to be supplied with liners capable of handling Canada's total trade with Europe, these liners must be numerous enough to carry the maximum shipments in any month, and in that case would have

[1] Compiled from records of the Customs Department.

extremely light cargoes eastbound during most of the rest of the year and westbound perhaps not enough cargo for ballast at any time. No account is here taken of the passenger business and of mail or other subsidies, which must affect the ability of liners to successfully handle somewhat irregular freight loads.

Under these conditions of Canadian trade with Europe, what load factor did the vessels on the Montreal route work out in the season of 1913? There was unloaded at Montreal in that season from all European countries 733,001 tons of freight, and there was loaded at Montreal for Europe, in liners and in tramps, 1,647,145 tons of cargo, giving a ratio of 2·23 eastbound to 1 westbound.[1]

Facts are not accessible to show the exact load factor on each of the competing United States routes. Although the quantity of freight to be moved inward, and the quantity to be moved outward, must primarily determine the distribution of shipping, statistics of tons in and tons out are obtainable for very few ocean ports in the world. National revenues are collected on values and port dues on registered tonnage, and there are records of the numbers and sizes of vessels and how much their cargoes would probably sell for, but little to show how full the vessels were, in or out. In the absence of published statistics for the United States one or two statements from authoritative sources may be cited. In his work on "The Ocean Carrier" (p. 41), Prof. J. Russell Smith, of the University of Pennsylvania, a recognized authority on transportation, says:—

> North America sends across the North Atlantic more than twice as many tons of freight as Europe sends back.

In his evidence at Washington in January, 1913, before the Committee on the Merchant Marine and Fisheries (Investigation of Shipping Combinations, Hearings, vol. 1, p. 610), Mr. Franklin, Vice-president of the International Mercantile Marine Company, quoted figures with respect to the Atlantic Transport Line, running between London and United States ports, showing cargo space not filled in the year 1912. These figures show that on the average the vessels of the Atlantic Transport Line brought to the United States on each trip 5,100 tons of cargo, and took back to London 10,784 tons, or a ratio of 2·11 to 1. The following direct question and answer are recorded:—

> Mr. Hardy.—So that you export somewhere between two and three times what you import, is that the fact?
>
> Mr. Franklin.—That is right.

These statements are in general accordance with the load factor existing in the Montreal trade, and theoretically it might be expected that substantially the same load factor would be found at all principal North Atlantic ports. Sailing eastbound, a vessel cannot carry more than a full load, or say a load of 100, and a large part of the bulk freight from North America can move as easily through one port as another and at only slight differences in cost. Large quantities of United States grain can without any difficulty be brought to Montreal and Canadian grain to the Atlantic Range ports of the United States. Under these conditions, why would a line company keep a vessel on the Montreal route, or the New York route, or any one route, if it could secure on that route an inward load of only a little less than 50, when an inward load of perhaps 75, or even 60, could be obtained upon another route? The vessel with the regular inward load of 75 could make sufficient concessions in rates to attract to any North Atlantic ports all the cargo it could carry eastbound. Under free competition vessels would at once be diverted from the less profitable to the more profitable route until an equilibrium was established; and no agreements or understandings could long prevent an adjustment in some manner. Conditions change every season, and the whole subject is complicated by passenger traffic, subsidies, port

[1] Compiled from records of the Customs Department.

differentials, general railway interests, and innumerable other matters. It is not improbable, however, that among the liners load factor tends to be equalized all along the North Atlantic coast.

What inward cargo was secured by the vessels on the Canadian routes? In the fiscal year ending March 31, 1914, Canada imported from Europe goods to the value of $181,762,545. Of this total, goods to the value of $169,527,341 arrived at Canadian ocean ports, and goods to the value of $12,235,204 arrived in transit through the United States.[1] That is to say, 93·27 per cent of Canada's purchases in Europe came directly to Canadian ocean ports. In the same year, Montreal received from all countries goods to the value of $6,331,989 in transit to the United States on through bills of lading, and Canada exported to the United States "goods not the produce of Canada," that is, goods imported from other countries but not on through bills of lading, to the value of $13,575,474.[2] It is hardly practicable to determine how much of this freight, of a total value of $19,907,463, handled en route to United States points, came from Europe, but making reasonable allowance it is evident that the freight carried inward from Europe by vessels sailing to Canadian ports must have been practically equal to all freight from Europe that was destined to Canada, and on the Montreal route this gave an inward load of a little less than 50 in comparison with the outward load of 100.

If Canadian ports receive practically all the freight belonging to Canada, and if Montreal receives its full share, what would happen if vessels enough were introduced into the Montreal trade to carry all the Canadian wheat exports? If in 1913 this has meant a doubling of the total number of vessels between that port and Europe, would each vessel have had an inward load of only 25 against its outward load of 100, or is there any way in which more intransit freight for other countries could have been secured? If this latter had not been found practicable, then presumably the vessels in the Boston, New York, Philadelphia, and Baltimore trades would have retained an inward load of approximately 50. Could such a condition have been maintained, and how would the cost have been distributed?

Canada has never yet been able to secure at Canadian ports enough vessels to carry all the Canadian exports; that is, no measures so far taken to that end have been sufficient to seriously disturb the simple economic balance of the load factor along the North Atlantic coast. In so far as the proposed Georgian Bay canal would be expected to very greatly increase the proportion of Canadian exports through Canadian ocean ports, it will clearly be necessary to arrive at some estimate of the permanent counteracting force of the general load factor, or at least of the cost involved in maintaining an ocean service on a less favourable economic basis than that prevailing on competing routes.

Canada's position in relation to the problem of ocean transportation is different from that of any other country at the present time, for no other country has access to so many ports in a foreign country that can be reached almost as conveniently and as cheaply as its own ports, and no other country, except the United States, is served by an ocean trade in which there are so many liners, which, therefore, dominate its export traffic.

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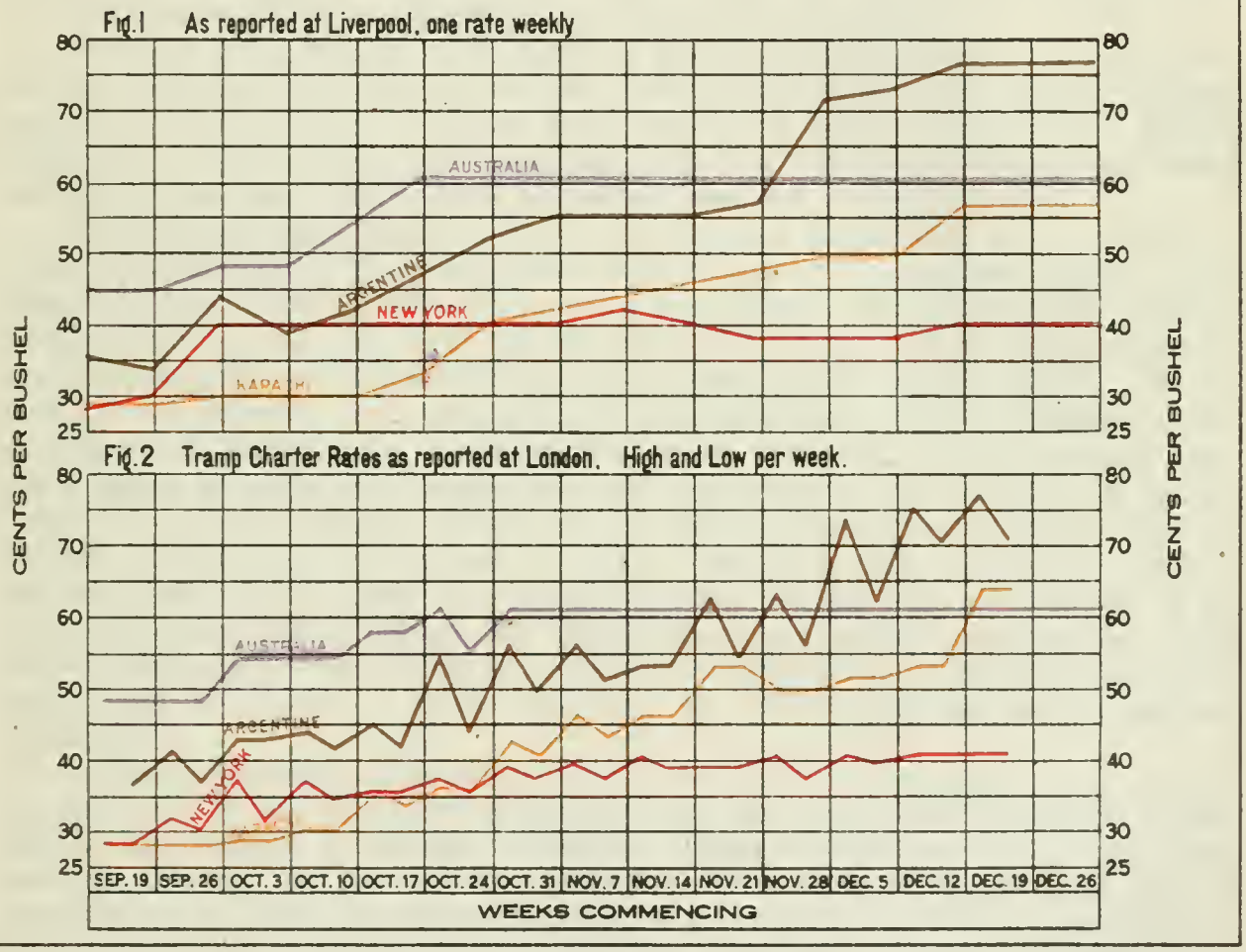
[1] Trade and Commerce Report, 1914-15, Part I, p. 46.

[2] Report of the Department of Customs, Trade and Navigation, 1914.

DIAGRAM Nº 21

OCEAN FREIGHT RATES ON WHEAT, SEPT. to DEC. 1915. to UNITED KINGDOM FROM CHIEF EXPORTING COUNTRIES



OCEAN FREIGHT RATES IN 1915.

It has not been found possible to complete for this report a comparative examination of the movements of traffic and the courses of prices and of freight rates under the abnormal conditions of 1914 and 1915. A few facts concerning ocean freight rates on wheat in the last four months of 1915 may, however, be briefly considered by way of supplement to the general survey of ocean rates for the six years immediately preceding the war.

In diagram 21 are shown the movements of wheat rates in the principal ocean trades between September 19 and December 31, 1915.[1] In fig. 1 rates on the first day of each week have been furnished, as in the case of diagram 20, by Broomhall's Corn Trade News, and for fig. 2 the high and low tramp rates per week by Comtelburo's Daily Freight Register. As Montreal rates seem to have kept within the limits of the New York rates during all this period, only the latter are quoted.

It will be noted that the whole range of rates is extremely high. For the greater part of the period liner rates in the New York trade were 40 cents, and at one time touched 42 cents per bushel. Such rates were never before reached under modern conditions. In 1910 the average wheat rate from New York was 3·18 cents per bushel, and for the five years 1909 to 1913 the average was 4·83 cents per bushel.

Rates in the North Atlantic trade had witnessed a spectacular rise which culminated in the week of September 26 in a final leap of 10 cents per bushel. In its course the New York rate line had crossed the Karachi line, although the Karachi route is twice as long, and about October 10 the New York rate was higher than the Argentine rate, while the Australia rate was comparatively very little higher. At this period North Atlantic rates were not only unprecedentedly high in themselves, but were relatively higher, when compared with other rates, than at any previous time. The diagram shows by what stages the rates, thus thrown into confusion by the upheaval in the North Atlantic trade, began to readjust themselves. It will be observed that this readjustment was by way of a rise in the other rates and not by a drop in the New York rate, and that the readjustment was not quite accomplished up to the end of December, chiefly because the Australia rate had not continued its rise. Were these developments in accordance with the laws and tendencies suggested as generalizations from the facts of normal times or to what extent had new forces been introduced?

During the progress of the war so many vessels had been requisitioned for military purposes, and so many interned and destroyed, that the world's mercantile fleet of ocean carriers had suffered a material reduction. Overseas trade had also at first been seriously affected, but the war soon created a large trade of its own and with an improvement in general commerce the demand for tonnage had become very insistent. There followed an uncompromising application of the law of supply and demand.

In the autumn of 1915, the United States and Canada were the only important sources of wheat supply for Europe. Southern Russia and Roumania were still blocked at the Dardanelles, and Northern Russia could send out only very small quantities through Archangel; the Government of India was in control of the supplies in that country and was conserving the surplus; Australia, owing to the partial crop failure in 1914 and pending the harvesting of the new crop, had nothing to export; and the Argentine had already disposed of the greater part of its 1914-15 surplus. Demand for cargo space for wheat thus became extraordinarily active in the North Atlantic trade.

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[1] Appendix, Table 34, p. 125, Statistics.

So much space had never before been needed in that trade, for North America was called upon to furnish nearly all the import requirements of Europe. The first effects on rates were therefore found in the North Atlantic trade. At the new high level of rates the North Atlantic trade attracted vessels enough to continue to ship each week ample supplies according to the estimated average weekly needs of importing countries, but as rates did not weaken there was apparently no large surplus of vessels available.

India shipped no wheat at all during this period but made small shipments of barley. The Argentine shipped some wheat and a good deal of corn, and Australi was waiting for the new crop. There was no pressure in these trades, at least for prompt shipment. India's harvest was some months distant, but it soon became necessary for Australia and the Argentine to engage tonnage for the movement of the new wheat crop, which would be ready for market in December and January. In Australia, in view of the alarming conditions in the freight market and in order to eliminate the element of local competition, the Government assumed the exclusive management of export shipments and it was reported that certain firms of ship brokers had been commissioned to engage up to 1,800,000 tons of freight room for wheat. In the Argentine the business was left in private hands.

In the regular line trade with the Argentine and with Australia were many vessels, and other vessels would from time to time sail for the South Atlantic or for the Far East with special outward cargoes, but the capacity of these vessels would not be adequate to move the quantities for which shipment was desired, and to obtain additional vessels meant offering rates equally profitable with those prevailing in the North Atlantic trade. The United States and Canada had enormous surpluses, and could continue to employ shipping. By the time its new crop was ready the Argentine had bid fully the equivalent of the New York rates, but the Australian Government had fixed an arbitrary limit of 95 shillings per ton (about 61 cents per bushel), beyond which it would not authorize a contract. Under these conditions, Australia could not expect to divert free tonnage from the other trades, but might secure such vessels as had other business in the Far East.

In 1910, when the average New York-Liverpool "berth" rate on wheat was 3·18 cents, the average River Plate-Liverpool rate was 5·78 cents, or a ratio of 1 to 1·82. If the New York rate of 40 cents per bushel be multiplied by 1·82, the result is 72·80 cents. Compared with the average New York rate for the whole five years, 1909-13, of 4·83 cents per bushel, the average Argentine rate was 8·60 cents, giving an average ratio of 1 to 1·78. The distance is about 1 to 2, but modified by time and load factor. The ratio between the average New York and Australia rates for the same five years was 1 to 3·46, the distance on the Australia route being 3½ to 4½ times as great as on the New York route, the shorter Australia routes being subject to Suez Canal tolls and delays. The Karachi route is about twice as long as the New York route, but its average rate for the five years was about 2·41 times the New York rate, perhaps influenced by the passage through the Suez canal. The Odessa route is only about 15 per cent longer than the New York route, and its average rate was about 1·23 times the New York rate. These calculations are based on the Liverpool quotations, and can be accepted only as a rough and ready measure of comparative rates. The tramp rates cannot be satisfactorily averaged because in some trades quotations are so scattered, but it would appear that on the whole the New York basis was relatively higher than with liner rates, while, compared with the other trades, Odessa and Karachi had relatively lower tramp rates than liner rates. Contrary to conditions before the war, tramp rates in the New York trade in September, October, and November, 1915, were rather lower than liner rates, but the ranks of the liners had been thinned by requisitioning and interment, and in the enlarged trade they had become a much smaller factor than formerly and, moreover, the great quantities of higher-class freight offering made it less necessary to underbid the tramps for wheat.

Estimating from the experience of the above five years, it would be necessary for Australia to offer a rate of approximately $1.35 per bushel in order to attract vessels that could find employment in the New York trade at 40 cents per bushel, or in the Argentine trade at about 70 cents per bushel. Such a rate would, however, be absolutely prohibitive under competitive conditions; and yet it would be relatively not as high a rate as Australia paid in 1910, when the average rate was only 14·13 cents per bushel.

The conditions in 1915 thus bring out clearly one practical bearing of competitive ocean freight rates on international trade, which might not strike the attention in normal times. Rates tend to rise with the pressure of demand, and competition then tends to adjust rates in every trade to the same basis of earning value to the vessel, but as rates go up the spread widens in direct ratio, and it is the spread which makes the trading margin for one country as against another. When the New York rate is 4 cents per bushel, the Argentine rate 7 cents per bushel and the Australian rate 13 cents per bushel, North American wheat at the seaboard has a spread of 3 cents per bushel over Argentine wheat in the same position, and 9 cents per bushel over Australian wheat; but when the basis for New York has moved to 40 cents per bushel the spreads have become respectively 30 cents per bushel and 90 cents per bushel. Vessels earn no more in the long-voyage trades than in the short route across the North Atlantic, and there is no discriminaton, but North America has been established in an almost impregnable trading position. If, under these conditions, Europe must have wheat from these three countries, North America can sell its surplus at a handsome profit before the Argentine can get cost and before Australia can export at all. The laws of supply and demand and of competition operate in commerce as well as in transportation. High ocean freight rates confer a temporary commercial advantage on countries served by short-voyage trades, but ultimately the injurious effects of excessive rates must, of course, tend to react even on the countries at first benefited.

Western Canadian wheat fields are further from the ocean than the Argentine wheat fields, and although interior transportation costs per mile in Canada are more favourable, the Argentine is in a good competitive position when the spread in ocean rates is only from 3 to 6 cents per bushel, but when the spread is 30 cents per bushel, Western Canada can obtain a good price for its wheat, can absorb the costs of all-rail transportation in the winter months and then can undersell Argentine wheat in Europe even in the very months in which Argentine wheat is intrinsically cheapest. Australian wheat fields are much more convenient to the ocean than those of Western Canada, and when ocean rates are only from 10 to 12 cents per bushel higher than the New York rates, Australian hard wheat can compete with Canadian hard wheat in the markets of the United Kingdom, but when very much greater spreads appear, this becomes impracticable. Even the arbitrary maximum rate of 61 cents per bushel fixed by the Australian Government in October, 1915, left a spread of about 20 cents per bushel, which is much greater than the difference in interior costs; and it will be instructive to learn how much wheat could be exported from Australia at a rate not half as profitable to the vessels as the rates prevailing in other trades, and whether compensation was obtained from rates on other goods inward or outward. Australia might, of course, be relieved from the dilemma thus created by war conditions through the extension of control by the governments of Europe over ocean traffic and shipping during the continuance of the war.

It is evident that not only do the general conditions of ocean transportation largely determine the distribution of international commerce, but that in the one particular of a change in the basis of freight rates, and even when there is no discrimination for or against any route, a factor exists of such varying power that it may seem to produce different kinds of effects according to the degree to which rates are raised or lowered.

BANK RETURNS IN CANADA.

Trade and traffic must be financed, and therefore bank resources and methods, rates of interest, and rates and facilities in connection with international exchange, are fundamental conditions of production, commerce and transportation. Financial conditions may assist or check development and influence the direction it takes, and may be among the causes of the distribution and diversion of traffic. For these reasons, financial facts should be examined together with all other underlying facts, and with equal care. At this stage only a few of the main features of the resources and business of the chartered banks of Canada will be presented.

To what extent do the Canadian chartered banks assist in the financing of ordinary business in Canada? What proportion of their resources do they devote to this purpose? How is the load they carry in this respect distributed throughout the year? As safe and convenient depositories, banks gives service to the public, but their great service to business is in the advances they make to facilitiate the turn-over of business. Most of the advances for commercial business purposes appear in the accounts as "Current loans and discounts in Canada." This class of loans only will be considered, in its relation to other important banking facts; although it should be borne in mind that the banks also make other loans in Canada, such as loans to Governments, and "Call and short" loans on the security of stock, debentures and bonds, which are not all in connection with Stock Exchange business, but are often the form in which advances are made for commercial business. Call loans and loans to Governments are not relatively very large and the totals do not widely fluctuate.

In accordance with the Bank Act, the chartered banks submit to the Minister of Finance statements covering the condition of their principal accounts at the end of each month. These monthly returns contain all the main items of a balance sheet which are of direct concern to the public. The assets statement gives the measure of the total resources of the banks and sets forth what they have done with these resources, whether they have loaned them to clients, invested them in securities or buildings, or hold them in their vaults in the form of coin or Dominion notes. The liabilities statement shows where the banks have obtained these resources, whether from shareholders, from depositors, from their power to issue banks notes, or from miscellaneous sources. In diagram 22, fig. 1, the important items of these monthly returns bearing on the financing of general business in Canada are presented for the six years 1909 to 1914. This diagram gives amounts in dollars, while diagram 23 gives the relations in percentage of these amounts to the total resources of the banks in each month.[1]

Line, No. 1 in fig. 1, diagram 22, represents the total assets of the banks at the end of each month, that is, the total resources of the banks. The ability of the banks to give service must bear a direct relation to their total resources, varying as these resources vary. From the beginning of 1909 to the middle of 1913, the total resources of the Canadian chartered banks steadily increased, but in a slightly waving line, indicating small relative expansions in resources about the months of May and June and somewhat more marked expansions in October and November, the latter partly accounted for by the exercise of the power to issue excess currency at that time. Whether or not the increase in the resources of the banks kept pace with the increase in general trade and therefore with the need for banking accommodation will not here be inquired into; but it is clear that the resources actually in hand at any particular time will set the limits within which service can be performed.

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[1] Appendix, Table 37-38, pp. 128-133, Statistics, 1909-15.

MONTHLY RETURNS OF CANADIAN CHARTERED BANKS
1909 TO 1914

FIG. 1. CURRENT LOANS IN CANADA, AND OTHER PRINCIPAL BANKING ACCOUNTS.

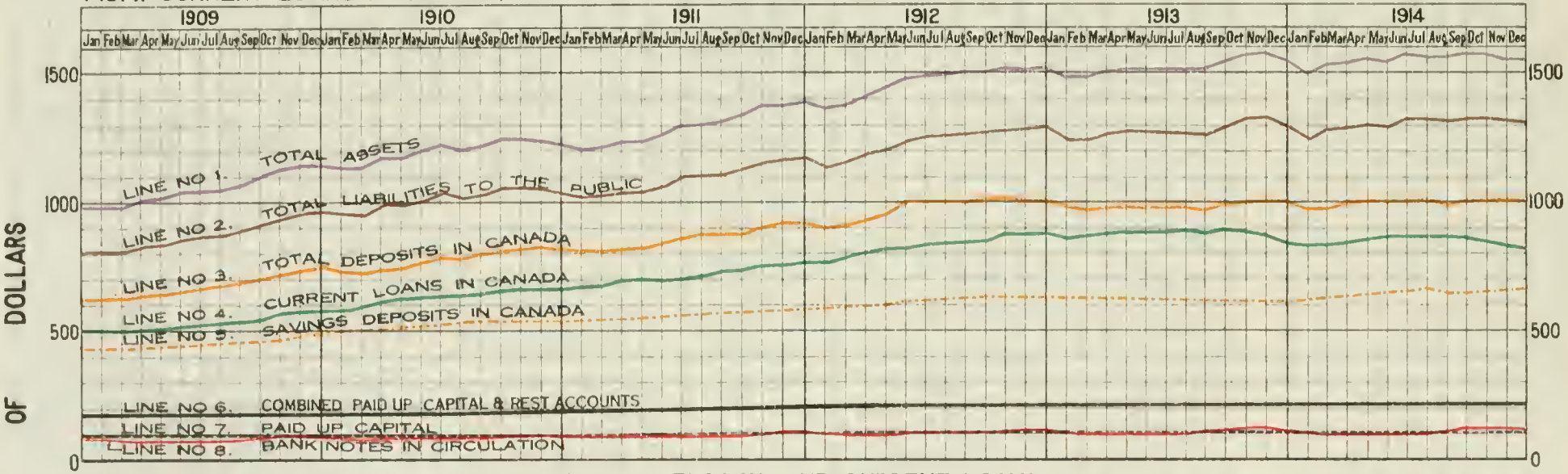
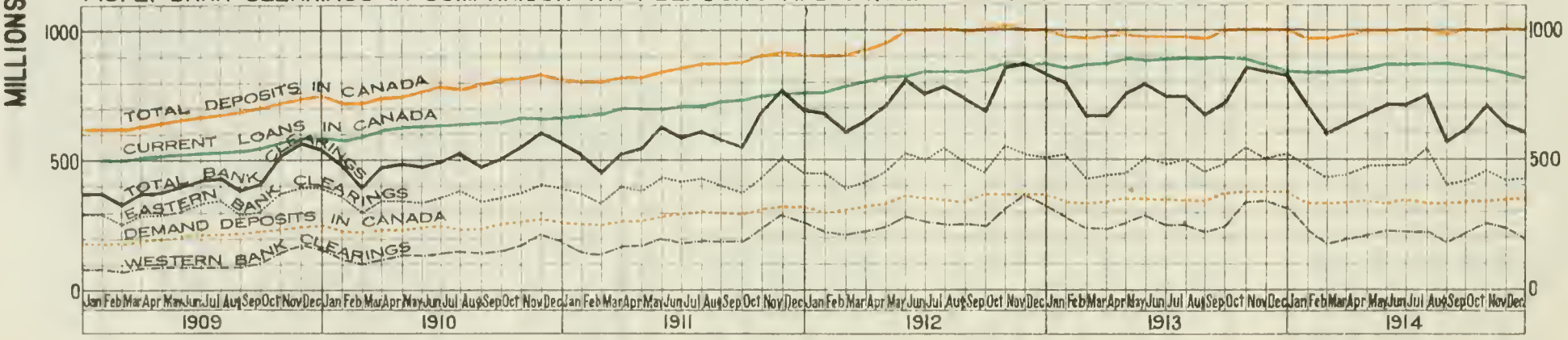

1909
1910
1911
1912
1913
1914
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
MILLIONS OF DOLLARS
1500
1000
500
0
LINE NO 1. TOTAL ASSETS
LINE NO 2. TOTAL LIABILITIES TO THE PUBLIC
LINE NO 3. TOTAL DEPOSITS IN CANADA
LINE NO 4. CURRENT LOANS IN CANADA
LINE NO 5. SAVINGS DEPOSITS IN CANADA
LINE NO 6. COMBINED PAID UP CAPITAL & REST ACCOUNTS
LINE NO 7. PAID UP CAPITAL
LINE NO 8. BANK NOTES IN CIRCULATION

FIG. 2. BANK CLEARINGS IN COMPARISON WITH DEPOSITS AND CURRENT LOANS.



Line No. 2 indicates total liabilities other than liabilities to shareholders. Line No. 2, therefore, divides the total resources of the banks into two parts. From the base of the figure to this line is the part of the total resources derived from depositors and other creditors, and created by the exercise of the power to issue bank notes. This is by far the greater part of the banks' resources. Between line No. 2 and line No. 1 is the part supplied by the shareholders in the form of paid-up capital, reserve accounts and profit and loss balances. It is the irregularities in line No. 2 that cause the irregularities in line No. 1; that is, it is the variations particularly in the deposits and bank note circulation that occasion the fluctuations in the line of total resources, the amounts belonging to shareholders remaining fairly constant but showing a steady increase.

Certain particulars are given separately in the remaining lines. Starting at the base of the figure, the red line, line No. 8, gives the greatest amount of bank notes in circulation at any time during each month. The power to issue bank notes is limited to the amount of paid-up capital, plus any amounts deposited in the Central Gold Reserves, but provision is made in the Bank Act for the issue of additional bank notes during the usual season of moving the crop to an amount not exceeding 15 per cent of the combined unimpaired paid-up capital and rest funds of the banks, and certain further extensions of this power were granted as temporary war measures. Bank notes are issued only as there is a demand for a circulating medium of this kind, and it will be noted that, except in the autumn months, the demand has not led to the continuous full exercise of the powers of the banks in this respect.

Line No. 7, representing paid-up capital, is practically a straight line with a slight steady rise. The paid-up capital forms only a small part of the total resources of the banks. The "rest or reserve" funds of the banks have grown more rapidly than the paid-up capital until they are almost equal to the latter in amount. The rest funds added to the paid-up capital give the total fixed contribution of the shareholders to the resources of the banks, and these combined rest funds and paid-up capital accounts are indicated in line No. 6. It is the amounts represented by line No. 6, plus profit and loss balances, that make up the spread between line No. 1 and line No. 2.

Canadian chartered banks do not confine their business to Canada, but participate in the international operations of Canadian trade and Canadian finance, and through their own branches or through agencies they receive deposits and make loans in other countries. Loans and deposits elsewhere than in Canada are included in the totals of the assets and liabilities, and will later be referred to, but in this diagram only deposits in Canada and current loans in Canada are given.

Deposits by the public are of two kinds, those payable after notice or on a fixed day, commonly called "savings department" deposits, and those payable on demand, which ordinarily earn no interest but form the funds against which bank cheques are issued. Banks must be prepared to meet instantly all demands upon them, and cannot, therefore, loan out or invest for fixed terms all the funds held by them, but must keep in cash and immediately realizable securities such amounts as may be necessary to meet any probable demands. As a basis for making current loans, savings deposits can be counted upon in a different way from demand deposits. For this reason savings deposits in Canada are shown separately in the broken yellow line, line No. 5. It will be noted that deposits of this kind increased throughout the period without any very marked variations. If demand deposits are added to savings deposits, the result is shown in line No. 3, which gives the total deposits by the public in Canada.

Coming now to line No. 4, we have the amounts advanced each month in the form of current loans and discounts in Canada. These amounts, as already pointed out, do not include call loans in Canada or loans to Canadian Governments, and, of course, do not include loans made elsewhere than in Canada. It will be noted:

1. That line No. 4 moves steadily upward from February, 1909, to September, 1913. The total of current loans increased year by year and almost month by month. Indeed, in the above fifty-five months there were only seven occasions on which the current loans in any month were not greater than those of the preceding month. So even an expansion of business is rather remarkable. It is clear that there is nothing erratic in this part of the banks' business. So far as totals are concerned, there was no withdrawing of resources from loans in one year or in one part of the year, and no sudden expansions at any time. Total loans were not reduced in the summer months to accumulate resources for the autumn, for summer loans were in each year greater than the spring loans had been, and the loans each autumn were greater than the loans in the summer, while the loans the following spring were greater than in the previous autumn. Loans expanded as total resources increased, but obviously at a slightly more rapid rate.

2. That current loans in Canada, which are made for fixed terms, were greater than the deposits in Canada placed in the banks for fixed terms, or subject to notice, and that the current loans increased faster than the savings deposits.

3. That after September, 1913, loans were actually reduced in amount, when the reaction in business had set in, and that the trend of the line became downward.

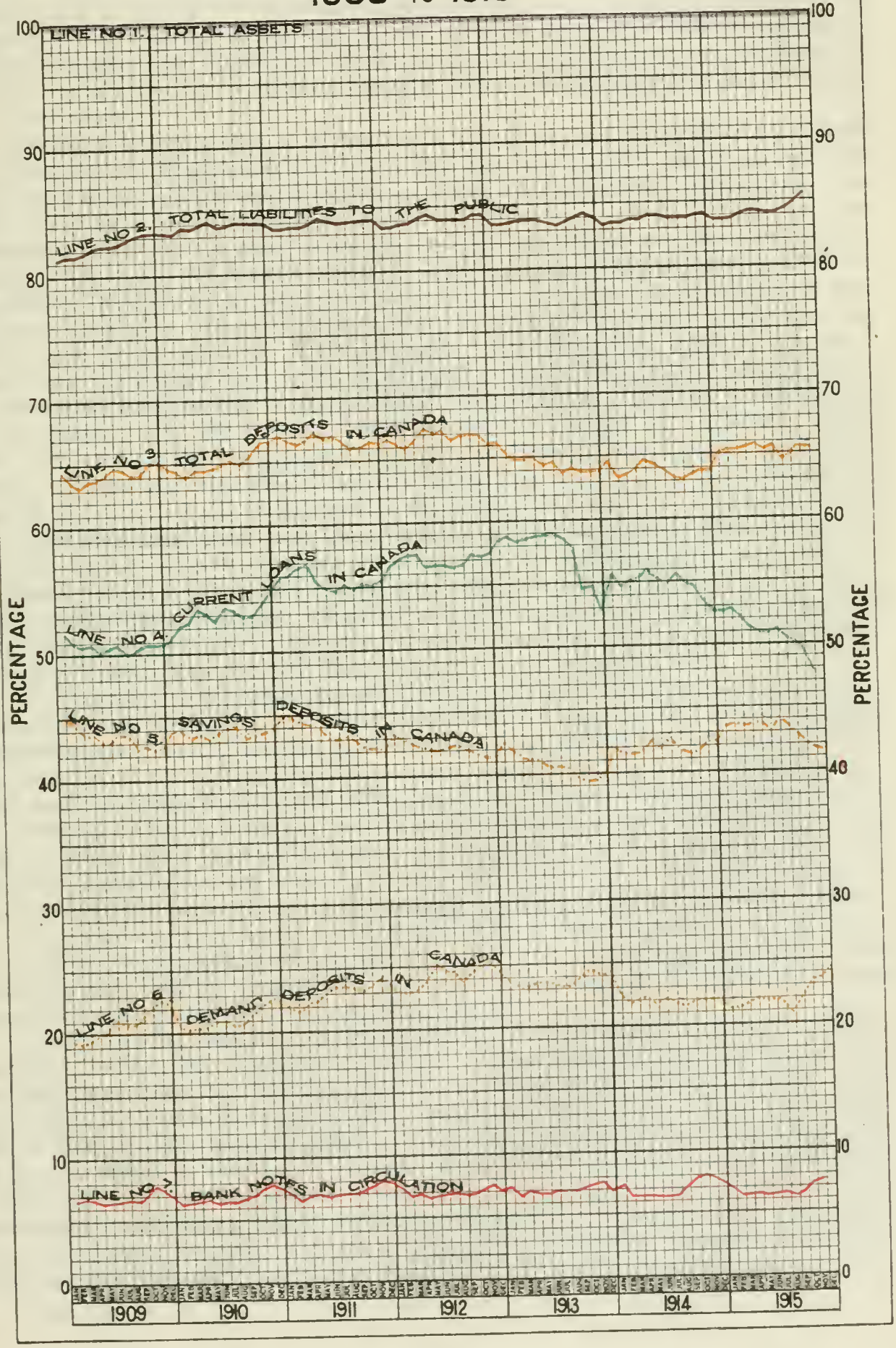
Business in Canada rapidly expanded from 1909 to midsummer, 1913, but varied in activity and volume at different periods of the year. Bank loans had no important seasonal variations. The service rendered by anything depends, however, upon how often it is used in a given time. If business in Canada were turned over only once a year, and if bank loans were all for twelve month periods, then only one service in a year would be performed by the resources devoted to bank loans; but if business were turned over twice a year and loans averaged six months, then the effectiveness of the loans would be double, and use every three months would quadruple the service. While no facts have been obtained to show the average time of turn-overs in general business in Canada, nor the average term of current loans, there can be found in the records of bank clearings evidence as to seasonal activity in the use of such banking resources as were at the disposal of individuals. Most business payments are made by cheques drawn on demand deposit accounts, which accounts are partly at least the product of bank loans. If a cheque passes from a client of one bank to another client of the same bank the exchange is adjusted within that bank without any public record; but if the exchange takes place between clients of different banks then the adjustment is made through the clearing house and the totals so adjusted at the various clearing house centres are regularly published. Clearing house returns are, therefore, the records of the amounts that change banks from time to time.

In fig. 2 of diagram 22 the monthly totals of bank clearings in Canada are shown,[1] the solid black line giving the total clearings in each month for all Canada, the dotted black line indicating the proportion of the clearings in eastern Canada and the broken line the proportion in western Canada, including Fort William after the organization of the clearing house there in 1911. The lines of total deposits, demand deposits and current loans in Canada are added to this figure so that comparisons of amounts involved can be made. It will be noted that bank clearings show a wide range of fluctuations, but that each year has the same characteristics, an increase in May and July and a much greater increase in October and November. There are some differences between eastern and western clearings. In the last quarter of the year, from 1909 to 1913, bank clearings were more than double the amount of the demand deposits. If it could be assumed that only cheques on demand deposit accounts, and bank notes withdrawn from such accounts, were cleared, then in the last three months of the year all the amounts in all demand deposit accounts in Canada changed banks

[1] Appendix, Table 39, p. 134, Statistics, 1909-15.

DIAGRAM Nº 23

PRINCIPAL BANKING ACCOUNTS AS PERCENTAGES OF TOTAL RESOURCES 1909 TO 1915



every two weeks. On several occasions an amount equal, or almost equal, to the total of current loans was exchanged between banks in a month. This is great activity; and it takes no account of the very large aggregate of adjustments made within individual banks which do not appear in the clearings. There is evidently business pressure twice a year which is met by the frequency of the turn-over of the banking resources at the disposal of individuals, but the total of the resources the banks afford to individuals does not greatly vary. Perhaps so rapid a turn-over in the autumn is undesirable and implies undue strain, or perhaps only at that time is the financial machinery working to full efficiency.

Further interesting light is thrown on current loans in Canada when percentages are examined. In diagram 22 the current loan line, line No. 4, is one of the most regular, but in diagram 23, where the various accounts are represented in percentages of the total resources, it becomes the most irregular of all the lines. Bank deposits and other funds fluctuated, but the loans were very steadily maintained and therefore the percentage relation showed marked changes. Then it is manifest that between 1909 and September, 1913, the banks put out in current loans an increasing percentage of their resources each year. Current loans in Canada expanded relatively faster than any other items in the accounts. The contraction, after September, 1913, is very striking in the percentage line. But perhaps the most interesting of all the points in connection with this line is that it plainly shows that the peak load is encountered by the banks, not in the autumn, but in the spring months. In every year this is true. With the aid of a little greater bank note circulation, then required, with slightly greater deposits and with greater activity in the turn-over, the banks can handle the rush of the autumn business and the moving of the crops with a smaller relative dead load than falls upon them when the activity of settlement declines after the turn of the year and it becomes necessary to carry over for several months what was not liquidated in the autumn. If, according to sound banking practice, there is only a certain percentage of resources which can safely be devoted to current loans, then it is clear that, as business is at present organized in Canada, a strain tends to fall upon the banks between January and May. This is a very important fact.

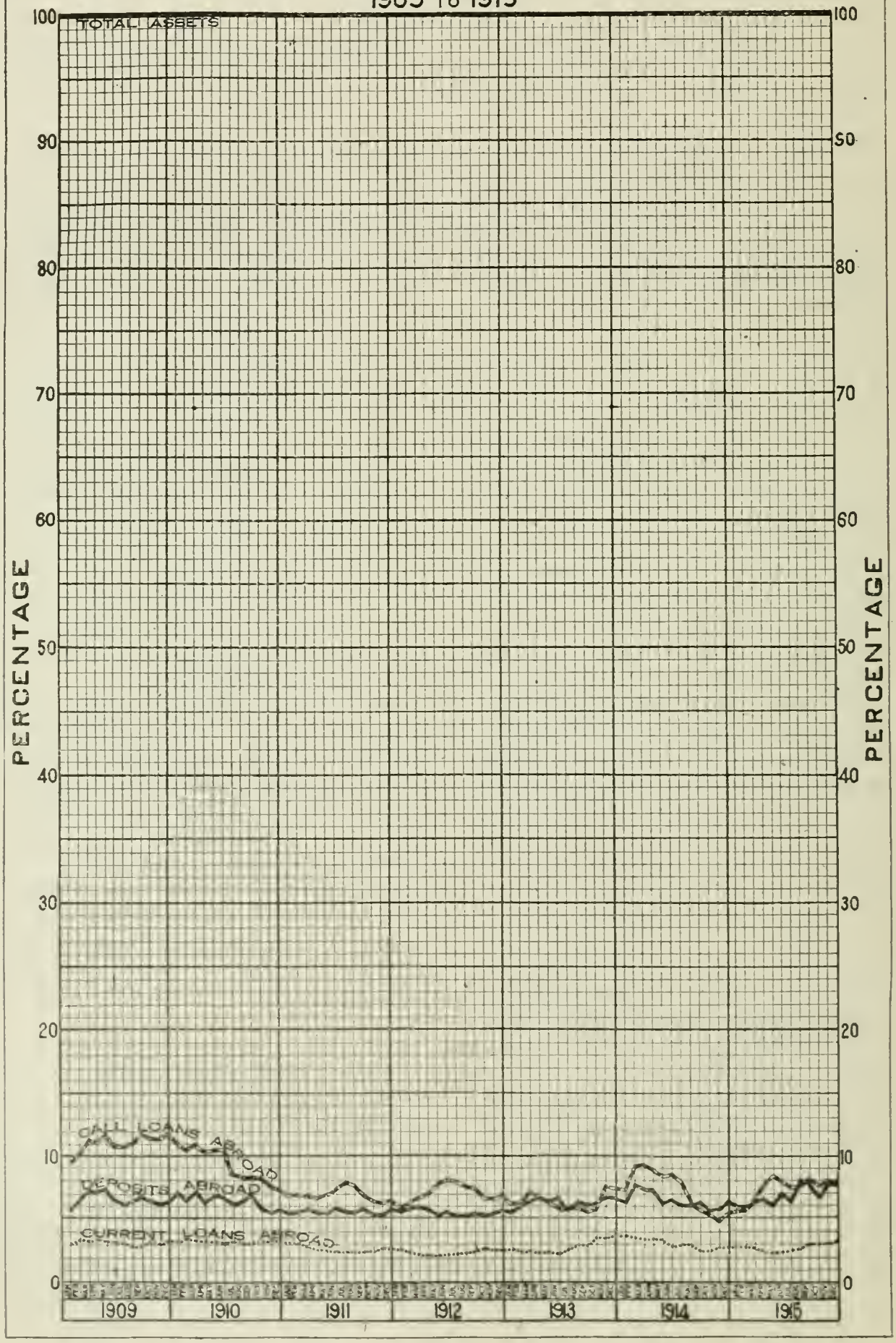
If it should be decided, for example, that it would be in the interests of the country that a larger proportion of the wheat should be held over so that excessive autumn marketings could be avoided, the question would arise whether with the present banking resources it would be practicable to carry a much heavier load from January to May, and this would lead to such other questions as to how banking resources could be increased, or how the business system could be altered to better distribute the load and to produce more frequent turn-overs and particularly in the spring months. How far does pressure from the necessity of securing liquidation at least once within the year account for the dumping in the autumn of many products, including wheat?

Do Canadian banks devote a proper proportion of their resources to current loans in Canada? Could still further assistance be rendered in this way, consistently with sound banking and the preservation of the absolute essentials of safety and of cash and liquid reserves against every probable demand?

Could banking resources be increased out of local financial supplies? Banks mobilize the financial resources of a country. Have Canadian chartered banks satisfactorily performed this function, that is, are the banking resources as large as the conditions in Canada make practicable? Individual banks can be judged only according to their efforts to increase their own resources, and according to the use they make of such resources as they have. If more resources are needed, a problem would exist which might not involve special responsibility on the part of any individual bank, nor would responsibility necessarily fall solely on the banks collectively. If present banking resources are not adequate to the needs of Canadian business, would it be wiser to seek temporary additional resources to meet the times of pressure, or to

CALL LOANS, CURRENT LOANS AND DEPOSITS ELSEWHERE THAN IN CANADA, AS PERCENTAGES OF TOTAL RESOURCES OF CANADIAN BANKS

1909 to 1915



increase the permanent resources which would then become a permanent annual charge upon the country? Or to what extent should both means be adopted?

Or should a complete, or a partial, solution of any difficulty that may exist be sought in changes in business methods and in the speeding up of the financial machinery? If the business system of the coutry is such that long terms of credit are granted and if, because of so much one-crop farming, many series of outstanding credits can be liquidated only once a year, then the same total of financial resources will accomplish much less than under a system of more frequent settlements. Again, if settlements are evenly distributed throughout the year instead of being crowded on midsummer and the autumn, the same amount of resources will do more work. These questions are merely mentioned here as among the more obvious points suggested for consideration by the facts submitted.

With regard to the other lines in diagram 23, a few observations may be made. Line No. 1, total assets, or total resources, is, of course, a straight line at 100 per cent. From the beginning of 1910 to the end of the first quarter of 1915, the total liabilities line adhered closely to the level of 84 per cent. Whether or not the contributions of shareholders are as large as they should be, it is evident that during this period they increased proportionately as fast as the deposits and other resources of the banks. In 1909, during the recovery from the depression of 1907-8, deposits increased faster than capital and rest accounts, and again in 1915 the growing accumulations of public money in the banks, gave to the line showing liabilities to the public an upward turn.

Total deposits in Canada, line No. 3, varied only a little in percentage during the whole period, but formed a bigger percentage of the banks' resources in 1911 and 1912 than in other years. Lines Nos. 5 and 6 show separately savings deposits and demand deposits. It will be noticed that these two lines tend to approach each other from 1909 to the end of 1913. Savings deposits did not hold the same rate of increase as other bank funds, while demand deposits improved their percentage. Relatively more funds were kept in the open active accounts during 1911, 1912, and 1913. With the contraction of business in the second half of 1913, savings deposits began to show a relative increase until the revival of business in the second half of 1915. It will be observed that the fluctuations in these lines occur at different times of the year, increases in demand deposits occurring at those periods which, as indicated by the bank clearings, are the periods of greatest activity in making settlements. Savings deposits stand relatively highest at the beginning of each year. Has this any connection with the fact that the banks are able, or are willing, at that time to place a somewhat larger proportion of their funds in current loans?

Line No. 7 gives the maximum bank note circulation in percentage of the total resources. Apparently from 6½ per cent to 8 per cent of the resources of the banks is required to be in the form of a circulating medium.

Diagram 24 is added to show in its relative proportions the ordinary banking business done abroad by Canadian chartered banks. Call loans and current loans are placed and deposits are accepted by Canadian banks "elsewhere than in Canada." In diagram 24 these accounts are represented in their percentage relation to the total resources of the banks. Obviously the business done abroad is comparatively small. Canadian banks derived about 6 per cent of their total resources from deposits, and placed about 3 per cent of their resources in current loans, elsewhere than in Canada. But the banks also placed call loans abroad varying from almost 12 per cent to less than 5 per cent of their total resources. The net amount of resources employed abroad, subtracting the deposits from the call and current loans, therefore varied from almost 9 per cent to less than 2 per cent. Different banks engage in this business in widely differing degrees, but only totals can here be considered. Call loans abroad show the highest percentages in 1909 and 1910, when business in Canada had not fully recovered from a general depression. The percentage increased again in

the early part of 1914 during another general depression. Larger percentages were carried abroad in the middle of the year than in either the spring or the autumn. Funds were evidently withdrawn from abroad in preparation for the moving of the crop, but it is interesting to note that the extreme withdrawals are in most years in the month of January, in preparation, apparently, for the peak load of current loans in Canada. After the outbreak of the war in 1914 these loans were sharply reduced. Banks explain call loans abroad as a desirable investment for funds that must be kept as immediately realizable reserves.

A study of the principles and the policy of banking cannot be undertaken as being within the scope of the special problems referred to the Georgian Bay Canal Commission, and this outline sketch of certain banking conditions has been introduced principally to suggest that, in connection with these special problems, discussion should recognize that there are elementary facts in finance, and that the problem of finance is inseparable from the problems of development and of distribution.

APPENDIX.

FREIGHT TRAFFIC TO AND FROM LAKE SUPERIOR[1].

Sault Ste. Marie Canals.—Total Freight Traffic.

Table No. 1.

Direction.	1911.		1912.		1913.		1914.		1915.	
	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.
Eastbound	36,429,399	68·13	55,377,687	76·42	59,205,853	74·27	39,470,663	71·29	56,369,242	79·07
Westbound	17,047,817	31·87	17,094,989	23·58	20,512,491	25·73	15,899,271	28·71	14,921,062	20·93
Total ...	53,477,216		72,472,676		79,718,344		55,369,934		71,290,304	

Sault Ste. Marie Canals.—Origin of Freight Traffic.

From Canadian Ports.

Table No. 2.

Direction.	1911.		1912.		1913.		1914.		1915.	
	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.
Eastbound	2,934,669	8·05	4,026,348	7·27	6,103,847	10·30	4,078,546	10·33	6,283,998	11·14
Westbound	717,493	4·20	855,689	5·05	771,410	3·27	549,062	3·45	451,553	3·02
Total.....	3,652,162		4,882,037		6,875,257		4,627,608		6,735,551	

From United States Ports.

Eastbound.....	33,494,730	91·95	51,351,339	92·73	53,102,006	89·70	35,392,117	89·67	50,085,244	88·86
Westbound	16,330,324	35·80	16,239,300	94 95	19,741,081	96·73	15,350,209	96·5›	14,469,509	96·98
Total.....	49,825,054		67,596,639		72,843,087		50,742,326		64,554,753	

Percentages are as to total freight traffic eastbound or westbound.

[1]Tables 1 to 17 compiled for this report from tables in Annual Statistical Reports of Lake Commerce passing through canals at Sault Ste. Marie, Michigan and Ontario. (Prepared under direction of Lieut.-Col. Mason M. Patrick, Corps of Engineers, U.S. Army.)

Sault Ste. Marie Canals.—Destination of Freight Traffic.

To Canadian Ports.

Table No. 3.

Direction.	1911.		1912.		1913.		1914.		1915.	
	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.
Eastbound....	2,175,461	5·97	3,129,937	8·97	3,619,636	6·11	3,423,211	8·67	2,937,056	5·21
Westbound....	5,087,637	29·84	4,971,517	29·08	5,954,388	29·02	3,196,756	20·16	2,761,722	18·51
Total.....	7,263,098		8,101,454		9,574,024		6,619,967		5,698,778	

To United States Ports.

Eastbound....	34,253,938	94·03	52,247,750	91·03	55,586,217	93·89	36,047,452	91·33	53,432,186	94·79
Westbound....	11,960,180	70·16	12,123,472	70·92	14,558,103	70·98	12,702,515	79·90	12,159,340	81·49
Total.....	46,214,118		64,371,222		70,144,320		48,749,967		65,591,526	

Percentages are as to total traffic eastbound or westbound.

Sault Ste Marie Canals.—Total Freight Traffic by Lake Districts and by Nationality of Vessels.

From Lake Superior Eastbound to

Table No. 4.

Freight Carried by Vessels.	Lake Michigan.		Lake Huron.		Lake Erie.		Lake Ontario.		Total.	
	Tons.	Per cent.	Tons.	Per cent.	Tons.	Per cent.	Tons.	Per cent.	Tons.	Per cent.
1911.										
Canadian.....	14,506	·68	1,155,815	54·90	228,318	10·84	706,581	33 56	2.105,220	5·77
U.S.A.....	4,203,576	12·24	343,294	1·00	29,736,083	86·63	41,226	·12	34,324,179	94·23
Total.....	4,218,082	11·57	1,499,109	4·11	29,964,401	82·25	747,807	2·07	36,429,399	
1912.										
Canadian.....	6,758	·24	1,656,347	59·77	375,307	13·54	732,415	26·43	2,770,827	5·00
U.S.A.....	7,106,943	13·50	598,355	1·13	44,743,139	85·05	158,423	·30	52,606,860	95 00
Total.....	7,113,701	12·85	2,254,702	4·07	45,118,446	81·47	890,838	1·61	55,377,687	
1913.										
Canadian.....	15,794	·46	1,820,349	53·69	804,353	23·73	749,364	22·10	3,389,860	5·72
U.S.A.....	6,360,741	11·39	625,596	1·12	48,622,748	87·11	206,908	·37	55,815,993	94·28
Total ...	6,376,535	10·77	2,445,945	4·13	49,427,101	83·48	956,272	1·61	59,205,853	

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FROM LAKE SUPERIOR EASTBOUND TO—*Concluded.*

Freight Carried by Vessels.	Lake Michigan.		Lake Huron.		Lake Erie.		Lake Ontario.		Total.	
	Tons.	Per cent.	Tons.	Per cent.	Tons.	Per cent.	Tons.	Per cent.	Tons.	Per cent.
1914.										
Canadian.....	39,459	1·22	1,625,024	50·46	1,033,637	32·09	522,216	16·21	3,220,336	8·15
U.S.A.	4,173,762	11·51	260,485	·71	31,720,742	87·50	95,338	·26	36,250,327	91·85
Total. ...	4,213,221	10·67	1,885,509	4·78	32,754,379	82·98	617,554	1·57	39,470,663	
1915.										
Canadian	60,728	1·96	1,618,197	52·64	1,119,241	36·40	279,415	9·00	3,077,581	5·45
U.S.A.	6,571,906	12·33	415,616	·78	46,205,318	86·80	98,821	·09	53,291,661	94·55
Total	6,632,634	11·77	2,033,813	3·61	47,324,559	83·95	378,236	·67	56,369,242	

TO LAKE SUPERIOR WESTBOUND FROM

1911.										
Canadian.....	25,880	1·69	314,264	20·57	785,746	51·43	401,904	26·30	1,527,744	8·96
U.S.A.....	265,074	1·70	128,613	·82	15,112,219	97·37	14,167	·09	15,520,073	91·04
Total.....	290 904	1·71	442,877	2·60	15,897,965	93·25	416,071	2·45	17,047,817	
1912.										
Canadian... ..	31,085	2·52	350,100	28·38	364,395	29·54	487,907	39·55	1,233,487	7·21
U.S.A.....	310,562	1·95	120,979	·76	15,311,519	96·53	118,442	·74	15,861,502	92·79
Total.....	341,647	2·00	471,079	2·76	15,675,914	91·68	606,349	3·55	17,094,989	
1913.										
Canadian....	33,980	2·21	345,854	22·46	735,200	47·74	424,705	27·58	1,539,739	7·50
U.S.A.....	293,565	1·54	94,091	·49	18,561,905	97·83	23,191	·14	18,972,752	92·50
Total... ..	327,545	1·59	439,945	2·14	19,297,105	91·07	447,896	2·20	20,512,491	
1914.										
Canadian ...	201	·02	304,688	18·13	1,178,355	70·11	197,359	11·74	1,680,603	10·57
U.S.A.....	250,237	1·76	123,212	·87	13,824,836	97·23	20,383	·14	14,218,668	89·43
Total.. ...	250,438	1·57	427,960	2·69	15,003,191	94·36	217,742	1·38	15,899,271	
1915.										
Canadian ..	6,312	·47	268.701	20·13	913,255	68·39	147,044	11·01	1,335,312	8·95
U.S.A.....	268,778	1 98	290,749	2·14	13,005,567	95·73	20,656	·15	13,585,750	91·05
Total.....	275,090	1·84	559·450	3·74	13,918,822	93·18	167,700	1·24	14,921,062	

EASTBOUND AND WESTBOUND TOTALS COMBINED.

Freight Carried by Vessels.	Lake Michigan.		Lake Huron and Georgian Bay.		Lake Erie.		Lake Ontario and River St. Lawrence.		Grand Total.	
	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.
1911.										
Canadian.....	40,336	1·1	1,470,079	40·5	1,014,064	27·9	1,108,485	30·4	3,632,964	6·79
U.S.A.....	4,468,647	8·96	471,907	·93	44,848,302	89·00	55,393	1·11	49,844,249	93·21
Total.....	4,508,983	8·42	1,941,986	3·63	45,862,366	85·77	1,163,878	2·17	53,477,213	
1912.										
Canadian.....	37,843	·94	2,006,447	50·1	739,702	18·4	1,220,322	30·5	4,004,314	5·52
U.S.A.....	7,417,505	10·85	719,334	1·05	60,054,658	87·7	276,865	·4	68,468,362	94·48
Total	7,455,348	10·30	2,725,781	3·76	60,794,360	83·84	1,497,187	2·07	72,472,676	
1913.										
Canadian .. .	49,774	1·01	2,166,203	43·9	1,539,553	31·25	1,174,069	23·8	4,929,599	6·18
U.S.A..... ..	6,654,306	8·90	719,687	·96	67,184,653	89·8	230,099	·31	74,788,745	93·82
Total	6,704,080	8·40	2,885,890	3·62	68,724,206	86·20	1,404,168	1·76	79,718,344	
1914.										
Canadian	39,660	·81	1,929,712	39·35	2,211,992	45·08	719,575	14·69	4,900,939	8·86
U.S.A.....	4,423,999	8·85	383,697	·77	45,545,578	91·00	115,721	·23	50,468,995	91·14
Total.....	4,463,659	8·36	2,313,409	4·16	47,757,570	85·97	835,298	1·51	55,369,934	
1915.										
Canadian	67,040	1·52	1,886,898	42·80	2,032,496	46·00	426,459	9·67	4,412,893	6·19
U.S.A.....	6,840,684	10·22	706,365	1·05	59,210,885	88·54	119,477	·18	66,877,411	93·80
Total.....	6,907,724	9·69	2,593,263	3·64	61,243,381	85·90	545,936	·76	71,290,304	

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Sault Ste Marie Canals.—Freight Traffic of Canadian Origin.

By Lake Districts.

Table No. 5.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	
1911.									
Eastbound to	666,696	22·71	1,259,548	42·91	980,509	33·42	27,961	·98	2,934,669
Westbound from	385,296	53·68	17,187	2·49	315,010	43·92			717,493
Combined total	1,051,992	28·82	1,276,735	34·92	1,295,519	35·50	27,961	·76	3,652,162
1912.									
Eastbound to	682,150	16·95	1,909,037	47·41	1,405,850	34·90	29,311	·74	4,026,348
Westbound from	486,276	56·82	21,367	2·50	348,046	40·68			855,689
Combined total	1,168,426	23·94	1,930,404	39·54	1,753,896	35·91	29,311	·61	4,882,037
1913.									
Eastbound to	713,169	11 68	3,298,667	54·04	2,007,980	32·89	84,031	1·38	6,103,847
Westbound from	394,148	51·09	23,867	3·09	353,395	45·81			771,410
Combined total	1,107,317	16·10	3,322,534	48·33	2,361,375	34·34	84,031	1·22	6,875,257
1914.									
Eastbound to	508,044	12·44	1,960,720	48·09	1,549,777	38·02	60,005	1·47	4,078,546
Westbound from	186,926	34·04	57,048	10·36	305 088	55·60			549,062
Combined total	694,970	15·02	2,017,768	43·61	1,854,865	40·08	60,005	1·29	4,627,608
1915.									
Eastbound to	264,361	4·21	4,264,658	67·86	1,627,706	25·90	127,273	2·03	6,283,998
Westbound from	141,020	31·23	41,719	9·24	268,823	59·53			451,553
Combined total	405,381	6·02	4,306,368	63·92	1,896,529	28·17	127,273	1·89	6,735,551

Sault Ste. Marie Canals.—Canadian Freight traffic to Canadian Ports.

By Lake Districts.

Table No. 6.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	
1911.									
Eastbound to	666,696	37·68	173,525	9·80	929,856	52·52			1,770,077
Westbound from	375,326	55·05	17,187	2·52	289,543	42·43			682,056
Combined total	1,042,022	42·51	190,712	7·78	1,219,399	49·71			2,452,133
1912.									
Eastbound to	682,150	29·31	346,971	14·88	1,299,829	55·81			2,328,950
Westbound from	474,182	58·21	19,017	2·33	321,710	39·46			814,909
Combined total	1,156,332	36·79	365,988	10·61	1,621,539	51·60			3,143,859
1913.									
Eastbound to	713,169	23·29	694,592	22·68	1,654,098	54·02			3,061,859
Westbound from	388,666	52·93	21,867	2·97	323,700	44·08			734,233
Combined tolal	1,101,835	29·02	716,459	18·87	1,977,798	52·10			3,796,092
1914.									
Eastbound to	508,044	17·61	869,363	30·11	1,508,564	52·28			2,885,971
Westbound from	185,447	35·02	49,998	9·44	294,029	55·54			529,474
Combined tatal	693,491	20·29	919,361	26·91	1,802,593	52·80			3,415,445
1915.									
Eastbound to	264,361	10·30	845,823	32·95	1,456,847	56·75			2,567,031
Westbound from	120,808	28·32	41,710	9·76	264,614	61·92			427,132
Combined total	385,169	12·86	887,533	29·62	1,721,461	57·52			2,994,163

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Sault Ste. Marie Canals.—Canadian Traffic to United States Ports.

By Lake Districts.

Table No. 7.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	
1911.									
Eastbound to			1,086,023	93·25	50,653	4·35	27,916	2·40	1,164,592
Westbound from	9,970	28·18			25,467	71·82			35,437
Combined total	9,970	8·84	1,086,023	90·52	76,120	6·32	27,916	2·32	1,200,029
1912.									
Eastbound to			1,562,066	92·02	106,021	6·25	29,311	1·73	1,697,398
Westbound from	12,094	29·62	2,350	5·76	26,336	64·62			40,780
Combined total	12,094	·70	1,564,416	90·00	132,357	7·62	29,311	1·68	1,738,178
1913.									
Eastbound to			2,604,875	85·60	353,882	11·63	84,031	2·76	3,041,988
Westbound from	5,482	14·74	2,000	5·38	29,695	79·87			37,177
Combined total	5,482	·17	2,606,875	84·63	383,577	12·46	84,031	2·73	3,079,165
1914.									
Eastbound to			1,091,357	91 51	41,213	3·46	60,005	5·63	1,192,575
Westbound from	1,479	7·55	7,050	36·00	11,059	56·45			19,588
Combined total	1,479	·12	1,098,407	90·62	52,272	4·31	65,005	4·95	1,212,163
1915.									
Eastbound to			3,418,835	91·98	170,859	4·60	127,273	3·42	3,716,967
Westbound from	20,212	82·76			4,209	17·24			24,421
Combined total	20,212	·54	3,418,835	91·38	175,068	4·68	127,273	3·40	3,741,388

Sault Ste. Marie Canals.—Freight Traffic of United States Origin.

By Lake Districts.

Table No. 8.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	
1911.									
Eastbound to	81,111	·24	28,704,853	85·80	518,600	1·55	4,190,166	12·51	33,494,730
Westbound from	30,775	·19	15,880,778	97·25	127,867	·78	290,904	1·78	16,330,324
Combined total	111,886	·22	44,585,631	89·48	646,467	1·30	4,481,070	9·00	49,825,054
1912.									
Eastbound to	208,688	·41	43,209,409	84·15	848,852	1·65	7,084,390	13·80	51,351,339
Westbound from	120,073	·74	15,654,547	96·38	123,033	·76	341,647	2·12	16,239,300
Combined total	328,761	·49	58,863,956	87·09	971,885	1·44	7,426,037	10·98	67,590,639
1913.									
Eastbound to	243,103	·46	46,128,434	86·86	437,965	·82	6,292,504	11·85	53,102,006
Westbound from	53,748	·27	19,273,238	97·63	86,550	·43	327,545	1·66	19,741,081
Combined total	296,851	·41	65,401,672	89 78	524,515	·72	6,620,049	9·08	72,843,087
1914.									
Eastbound to	109,510	·31	30,793,659	87·00	335,732	·95	4,153,216	11·74	35,392,117
Westbound from	30,816	·20	14,946,143	97·37	122,812	·80	250,438	1·63	15,350,209
Combined total	140,326	·27	45,739,802	90·15	458,544	·90	4,403,654	8·68	50,742,326
1915.									
Eastbound to	113,875	·27	43,059,901	85·92	406,107	·81	6,505,361	13·00	50,085,244
Westbound from	26,680	·18	13,877,112	95·91	290,627	2·01	275,090	1 90	14,469,509
Combined total	140,555	·22	56,937,013	88·18	696,734	1·08	6,780,451	10·52	64,554,753

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Sault Ste. Marie Canals.—United States Freight Traffic to Canadian Ports.

By Lake Districts.

Table No. 9.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total. Tons.
	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	
1911.									
Eastbound to.....	47,130	11·62	17,540	4·33	340,714	84·05	.....	....	405,384
Westbound from	19,428	·44	4,294,606	97·48	1,642	·04	89,405	2·04	4,405,581
Combined total.....	66,558	1·38	4,312,146	89·63	342,356	7·12	89,405	1·87	4,810,965
1912.									
Eastbound to.....	166,517	20·78	41,950	5·24	592,520	73·98	.....	.....	800,987
Westbound from	19,499	·47	4,001,149	96·25	16,781	·40	119,179	2·88	4,156,608
Combined total....	186,016	3·75	4,043,099	81·55	609,301	12·29	119,179	2·41	4,957,595
1913.									
Eastbound to.....	196,495	35·23	95,548	17·13	265,734	47·64	.....	.....	557,777
Westbound from.....	43,374	·83	5,097,086	97·64	3,694	·07	76,001	1·46	5,220,155
Combined total.....	239,869	4·15	5,192,634	89·87	269,428	4·66	76,001	1·31	5,777,932
1914.									
Eastbound to.....	65,689	12·22	220,573	41·05	250,978	46·73	.....	.....	537,240
Westbound from.....	10,433	·39	2,651,504	99·41	.....	.....	5,341	·20	2,667,282
Combined total.....	76,122	2·38	2,872,077	89·67	250,978	7·83	5,341	·17	3,204,522
1915.									
Eastbound to.....	76,583	20 69	99,786	26·97	193,656	52·34	....	.....	370·025
Westbound from	6,024	·26	2,322,228	99·47	26	·00	6,312	·27	2,334,590
Combined total.....	82,607	3·05	2,422,014	89·56	193,682	7·16	6,312	·23	2,704,615

SAULT STE. MARIE Canals.—United States Freight Traffic to United States Ports.

BY LAKE DISTRICTS.

TABLE No. 10.

Direction.	Lake Ontario and River St. Lawrence.		Lake Erie.		Lake Huron and Georgian Bay.		Lake Michigan.		Total Tons.
	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	Total Tons.	Per cent.	
1911.									
Eastbound to..... ...	33,981	·10	28,687,313	86·70	177,886	·54	4,190,166	12·66	33,089,346
Westbound from.....	11,347	·99	11,586,172	97·17	126,225	1·06	200,999	1·68	11,924,743
Combined total.....	45,328	·10	40,273,485	89·48	304,111	·67	4,391,165	9·75	45,014,089
1912.									
Eastbound to...	42,171	·08	43,167,459	85·40	256,332	·51	7,084,390	14·01	50,550,352
Westbound from.....	100,574	·83	11,653,398	96·45	106,252	·88	222,468	1·84	12,082,692
Combined total.....	142,745	·23	54,820,857	87·53	362,584	·58	7,306,858	11 66	62,633,044
1913.									
Eastbound to	46,608	·08	46,032,886	87·61	172,231	·33	6,292,504	11·97	52,544,229
Westbound from ...	10,374	·07	14,176,152	97·62	82,856	·57	251,544	1·73	14,520,926
Combined total.....	56,982	·08	60,209,038	89·78	255,087	·38	6,544,048	9·75	67,065,155
1914.									
Eastbound to.....	43,821	·13	30,573,086	87·69	84,754	·24	4,153,216	11·94	34,854,877
Westbound from ...	20,383	·16	12,294,639	96·85	122,812	·97	245,093	1·90	12,682,927
Combined total.....	64,204	·14	42,867,725	90·18	207,566	·43	4,398,309	9·25	47,537,804
1915.									
Eastbound to.....	37,292	·07	42,960,115	86·42	212,451	·42	6,505,361	13 09	49,715,219
Westbound from.... .	20,656	·17	11,554,884	95·23	290,601	2·39	268,778	2·21	12,134,919
Combined total.....	57,948	·09	54,514,999	88·15	503,052	·81	6,774,139	10·95	61,850,138

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Sault Ste Marie Canals.—Classification and valuation of Vessels.

Canadian Vessels.

Table No. 11.

Class.	No.	Valuation.	Tonnage.		Passengers Carried.
			Registered.	Freight, Short Tons.	
1911.		$			
Steamers	120	12,105,500	132,020	3,602,717	52,326
Sailing	4	106,000	3,554	18,730	.....
Unregistered	.....	.....	.....	11,517	.....
Total	124	12,211,500	135,574	3,632,964	52,326

United States Vessels.

Steamers	536	104,892,500	1,407,820	45,977,416	27,625
Sailing	105	4,443,500	148,374	3,847,757	.....
Unregistered	.....	.....	.....	19,079	.....
Total	641	109,336,000	1,556,194	49,844,252	27,625

Canadian Vessels.

1912.					
Steamers	129	12,799,500	139,157	3,965,564	45,614
Sailing	5	128,000	3,452	5,378	.....
Unregistered	.....	.....	.....	33,372	.....
Total	134	12,927,500	142,609	4,004,314	45,614

United States Vessels.

Steamers	606	120,307,800	1,636,725	64,042,749	21,263
Sailing	113	5,311,000	162,325	4,286,900	.....
Unregistered	.....	.....	.....	138,713	.....
Total	719	125,618,800	1,799,050	68,468,362	21,263

Canadian Vessels.

1913.					
Steamers	141	15,155,700	167,381	4,816,355	47,825
Sailing	3	140,000	3,177	4,013	.....
Unregistered	.....	.....	.....	109,231	.....
Total	144	15,295,700	170,558	4,929,599	47,825

United States Vessels.

Steamers	594	122,418,500	1,644,084	70,357,467	29,369
Sailing	114	4,707,000	163,328	4,256,809	.....
Unregistered	.....	.....	.....	174,469	.....
Total	708	127,125,500	1,807,412	74,788,745	29,369

CANADIAN VESSELS.

Class.	No.	Valuation.	Tonnage.		Passengers Carried.
			Registered.	Freight, Short Tons.	
1914.					
Steamers	140	16,678,700	178,686	4,839,953	31,105
Sailing	49	742,000	8,828	13,485	...
Unregistered	...	...	...	47,501	...
Total	189	17,420,700	187,514	4,900,939	31,105
UNITED STATES VESSELS.					
Steamers	529	113,076,500	1,484,611	47,223,513	28,696
Sailing	95	4,134,500	131,652	3,208,262	...
Unregistered	...	...	...	37,220	...
Total	624	117,211,000	1,616,263	50,468,995	28,696
CANADIAN VESSELS.					
1915.					
Steamers	135	15,624,000	165,877	4,311,847	26,922
Sailing	25	312,500	6,812	41,606	...
Unregistered	...	...	...	59,440	...
Total	160	15,936,700	172,689	4,412,893	26,992
UNITED STATES VESSELS.					
Steamers	553	118,987,200	1,584,750	62,786,967	23,344
Sailing	93	4,485,500	132,508	4,049,450	...
Unregistered	...	...	...	40,994	...
Total	646	123,472,700	1,717,258	66,877,411	23,344

SAULT STE. MARIE CANALS.—Freight Tons Carried per Registered Ton.

CANADIAN VESSELS CARRIED

TABLE NO. 12.

Direction.	1911.		1912.		1913.		1914.		1915.	
	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.
Eastbound	1,833,736	62·48	2,345,989	58·23	3,165,610	51·86	3,037,729	74·48	2,875,217	45·75
Westbound	716,747	99·89	855,689	100·00	761,535	98·71	541,612	98·65	451,431	99·97
Total	2,550,483	69·83	3,201,678	65·58	3,927,145	57·11	3,579,341	77·34	3,326,648	49·39
UNITED STATES VESSELS CARRIED.										
Eastbound	1,100,933	37·52	1,680,359	41·77	2,938,237	48·14	1,040,817	25·52	3,408,781	54·25
Westbound	746	·11	...	...	9,875	1·29	7,450	1·35	122	·03
Total	1,101,679	30·17	1,680,359	34·42	2,948,112	42·89	1,048,267	22·66	3,408,903	50·61

Sault Ste Marie Canals.—Freight Traffic of Canadian Destination, by Nationality of Vessels.

Table No. 13.

Canadian Vessels Carried.

Direction.	1911.		1912.		1913.		1914.		1915.	
	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.
Eastbound.....	2,041,561	93·84	2,753,788	87·98	3,286,109	90·78	3,068,578	89·66	3,769,395	95·74
Westbound....	1,493,053	29·34	1,192,707	23·78	1,512,437	25·40	1,668,465	52·19	1,311,013	47·47
Total.....	3,534,614	48.66	3,946,495	48·71	4,798,546	50·12	4,737,043	71·58	5,086,408	75·84

United States Vessels Carried.

Eastbound	133,909	6·16	376,149	12·02	333,527	9·22	354,633	10·34	167,661	4·26
Westbound....	3,594,584	70·66	3,778,810	76·22	4,441,951	74·60	1,528,291	47·81	1,450,709	52·53
Total....	3,728,484	51·34	4,154,959	51·29	4,775,478	49·88	1,882,924	28·42	1,618,370	24·16

Sault Ste. Marie Canals.—Freight Traffic of United States Origin—By Nationality of Vessels.

Table No. 14.

Canadian Vessels Carried.

Direction.	1911.		1912.		1913.		1914.		1915.	
	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.
Eastbound.....	271,484	·81	424,838	·82	224,250	·42	182,607	·51	202,364	·40
Westbound....	810,997	4·96	377,798	2·32	778,204	3·94	1,138,991	7·42	883,881	6·11
Total.....	1,082,481	3·23	802,636	1·45	1,002,454	1·37	1,321,598	3·73	1,086,245	1·68

United States Vessels Carried.

Eastbound...	33,223,274	99·19	50,926,501	99·18	52,877,756	99·58	35,209,510	99·49	49,882,880	99·60
Westbound....	15,519,327	95·04	15,861,502	97·68	18,962,877	96·06	14,211,218	92·58	13,585,628	93·89
Total.....	48,742,601	96·77	66,788,003	98·55	71,840,633	98·63	49,420,728	96·27	63,468,508	98·32

Sault Ste. Marie Canals.—Freight Traffic of United States Destination—By Nationality of Vessels.

Canadian Vessels Carried.

Table No. 15.

Direction.	1911.		1912.		1913.		1914.		1915.	
	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.	Amount (tons).	Per cent.
Eastbound....	63,659	·18	17,039	·03	103,751	·19	151,758	·42	308,186	·58
Westbound....	34,691	·29	40,780	·34	27,302	·19	12,138	·09	24,299	·19
Total.....	98,350	·21	57,819	·09	131,053	·19	163,896	·33	332,485	·51

United States Vessels Carried.

Eastbound....	34,190,279	99·82	52,230,711	99·97	55,482,446	99 81	35,895,694	99·58	53,124,000	99·42
Westbound....	11,925,489	99 71	12,082,692	99·66	14,013,267	99·81	12,690,377	99·91	12,135,041	99·81
Total.....	46,115,768	99·79	64,313,403	99·91	69,495,713	99·81	48,586,071	97·67	65,259,041	99·49

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Sault Ste. Marie Canals.—Freight Tons Carried per Registered Ton.

Table No. 16.

Month.	Eastbound.			Westbound.		
	Net Registered Tonnage of Vessels.	Freight Carried Short Tons.	Freight Tons Carried per Registered Ton.	Net Registered Tonnage of Vessels.	Freight Carried Short Tons.	Freight Tons Carried per Registered Ton.
1911.						
April	216,018	370,325	1·71	487,772	422,262	·89
May	2,408,625	4,161,108	1·73	2,502,437	1,963,910	·78
June	2,914,976	5,092,698	1·75	2,945,640	2,383,389	·81
July	3,262,949	5,675,619	1·74	3,277,371	2,870,200	·88
August	3,382,151	5,800,836	1·71	3,394,544	2,747,976	·81
September	3,120,495	5,529,610	1·77	3,055,829	2,420,234	·79
October	3,062,995	5,600,512	1·83	3,108,146	2,321,060	·75
November	2,152,552	3,762,116	1·75	1,934,479	1,673,933	·87
December	258,290	436,575	1·69	173,214	244,853	1·41
Total	20,779,051	36,429,399	1·75	20,874,437	17,047,817	·81
1912.						
April	55,860	97,094	1·74	144,069	69,824	·48
May	3,758,720	7,031,058	1·87	4,013,643	1,905,635	·48
June	4,247,134	8,201,233	1·93	4,176,487	2,545,926	·61
July	4,091,320	7,936,644	1·94	4,143,834	2,844,660	·69
August	4,073,468	8,049,598	1·98	4,191,522	2,803,254	·67
September	4,151,534	8,297,804	2·00	4,079,413	2,169,978	·53
October	4,294,946	8,641,087	2·01	4,281,514	2,075,704	·48
November	3,182,738	6,260,820	1·97	3,003,166	2,136,499	·71
December	442,840	862,349	1·95	404,599	543,509	1·34
Total	28,298,560	55,377,687	1·95	28,438,247	17,094,989	·60
1913.						
April	568,591	1,098,123	1·93	948,742	807,432	·85
May	4,116,487	8,332,178	2·02	4,069,577	3,044,017	·74
June	4,301,178	8,855,821	2·05	4,339,264	3,257,792	·75
July	4,379,149	9,167,569	2·07	4,317,853	3,170,552	·73
August	4,036,966	8,263,273	2 04	3,996,387	3,226,169	·80
September	4,073,226	8,348,801	2·04	4,051,030	2,561,564	·63
October	4,233,721	8,675,590	2·04	4,300,612	2,243,684	·52
November	2,868,919	5,574,135	1·94	2,641,354	1,871,042	·70
December	489,014	950,363	1·94	257,645	330,236	1·28
Total	29,067,251	59,205,853	2·03	28,922,464	20,512,491	·70
1914.						
April	226,114	406,003	1·80	365,424	368,517	1·01
May	2,789,627	5,099,157	1·65	2,966,266	2,388,959	·80
June	3,213,291	6,091,146	1·90	3,451,843	2,496,935	·72
July	3,333,918	6,343,379	1·90	3,452,307	2,486,877	·72
August	3,426,486	6,360,454	1·86	3,373,469	2,574,532	·76
September	3,209,040	6,368,408	1·98	3,193,963	2,049,308	·69
October	2,940,072	5,730,018	1·95	2,898,613	2,009,987	·69
November	1,476,520	2,677,685	1·81	1,321,896	1,366,683	1·03
December	215,945	394,413	1·83	131,545	157,473	1·20
Total	20,831,013	39,470,663	1·89	21,155,326	15,899,271	·75
1915						
April	561,180	1,090,077	1·94	672,665	344,658	·51
May	2,918,587	5,675,537	1·94	3,127,659	1,673,029	·53
June	3,262,900	6,240,518	1·91	3,268,301	2,120,314	·64
July	3,859,021	7,466,597	1·93	3,849,602	2,252,640	·58
August	4,158,002	8,249,237	1·98	4,125,472	2,291,544	·55
September	4,394,749	9,017,771	2·05	4,380,860	1,961,680	·45
October	4,562,819	9,399,436	2·06	4,720,441	2,158,415	·46
November	3,675,081	7,418,067	2·01	3,390,905	1,750,364	·51
December	923,869	1,812,002	1·96	547,034	368,418	·67
Total	28,316,208	56,369,242		28,082,939	14,921,062	

Sault Ste. Marie Canals.—Classification of Commodities.

Table No. 17.

Eastbound.

Commodity.	1911.		1912.		1913.		1914.		1915.	
	Tons	Per cent.	Tons.	Per cent.	Tons.	Per cent.	Tons.	Per cent.	Tons.	Per cent.
Iron ore	30,715,477	84·31	46,293,423	83·59	48,076,977	81·20	31,410,069	79·57	45,212,104	80 21
Wheat	2,914,257	7·99	5,222,594	9·43	6,144,645	10·37	4,508,524	11·42	7,664,447	13·60
Grain (including flour)	1,557,145	4·27	2,365,606	4·27	3,488,147	5·89	2,440,861	6·18	2,197,015	3·90
Lumber	907,428	2·49	1,112,131	2·01	978,697	1·65	754,882	1·90	789,476	1·40
General merchandise	157,174	·43	238,865	·43	403,068	·69	246,184	·62	332,164	·59
Copper	132,481	·36	116,954	·21	85,378	·14	91,764	·23	156,436	·27
Building stone, pig iron, etc.	45,437	·12	28,114	·05	28,941	·04	18,379	·04	17,600	·03
Total	36,429,399		35,377,687		59,205,853		39,470,663		56,369,242	

Westbound.

Coal, soft	13,272,667	77·85	12,789,109	74·81	15,878,364	77·47	12,246,716	77·03	11,326,328	75·91
Coal, hard	2,060,209	12·08	2,142,485	12·53	2,744,574	13·37	2,240,505	14·09	2,030,730	13·61
General merchandise	1,228,744	7·21	1,425,918	8·34	1,367,792	6·66	1,071,120	6·73	1,263,234	8 46
Manf. iron	372,174	2·18	629,060	3·67	380,152	1·85	221,304	1·39	194,181	1·30
Salt	98,229	·57	98,415	·57	108,997	·53	115,864	·72	104,572	·70
Iron ore, etc	15,794	·09	10,002	·05	32,612	·15	3,762	·02	2,017	·01
Total	17,047,817		17,094,989		20,512,491		15,899,271		14,921,062	

STATEMENT showing the Number, and Gross Tonnage, of Vessels Registered in Great Britain and Canada engaged in the Carriage of Passengers and Freight on the Great Lakes and connecting waters, the River St. Lawrence between Kingston and Montreal, the Rideau Canal, and the Ottawa River between Ottawa and Montreal.

TABLE No. 18.

Year.	Under 100 Tons.		100 to 249 Tons.		250 to 499 Tons.		500 to 999 Tons.		1,000 to 1,999 Tons.		Over 2,000 Tons.		Total.	
	No.	Gross Tons.	No.	Gross Tons.	No.	Gross Tons.	No.	Gross Tons.	No.	Gross Tons.	No.	Gross Tons.	No.	Gross Tons.
1899-00	100	3,597	47	7,318	34	12,076	35	26,777	21	29,193	5	11,963	242	90,924
1900-01	100	3,988	19	7,639	29	10,391	36	27,361	19	26,940	7	17,319	240	93,638
1901-02	88	3,278	48	7,911	35	12,698	36	27,277	19	26,941	8	20,649	234	98,754
1902-03	96	3,608	45	7,292	33	12,251	38	28,646	20	28,801	9	23,008	241	103,609
1903-04	101	4,328	49	7,869	35	12,102	35	26,209	20	28,618	14	37,760	254	116,886
1904-05	91	3,851	47	8,025	38	13,746	42	30,325	38	58,723	12	32,970	268	147,640
1905-06	88	3,626	53	9,067	36	12,787	33	24,390	45	67,810	15	39,945	270	157,625
1906-07	80	3,238	47	8,207	30	10,658	29	21,282	32	47,562	15	44,380	233	* 135,327
1907-08	80	3,228	50	8,707	34	11,950	28	20,645	48	74,549	21	64,597	261	183,676
1908-09	61	2,710	39	6,514	31	12,102	29	21,369	56	90,644	28	87,629	247	226,968
1909-10	73	3,816	48	8,628	38	13,470	29	20,919	57	91,296	38	112,417	283	250,546
1910-11	65	3,267	50	8,789	41	14,524	28	20,005	60	95,602	37	116,211	281	258,398
1911-12	69	3,714	44	7,727	34	12,206	26	18,326	64	103,656	40	118,163	277	263,792
1912-13	54	2,781	48	8,274	32	10,940	29	19,841	65	119,773	45	134,201	273	295,810
1913-14	46	2,305	43	7,441	30	10,372	22	15,930	75	118,056	49	156,072	265	310,176

* Figures cover only nine months owing to change in fiscal year to end March 31, instead of June 30.

Compiled from the reports of the Board of Steamboat Inspection.

STATEMENT Showing the Quantity of Coal Delivered at Fort William and Port Arthur by Months, Navigation Seasons 1911-13.

TABLE No. 19.

Month.	Carried by Vessels.	1911.	1912.	1913.
		Tons.	Tons.	Tons.
April	Canadian	8,205		16,465
	United States	35,488		103,684
	Total	43,693		120,149
May	Canadian	114,914	10,280	79,613
	United States	278,400	327,812	592,578
	Total	393,314	338,092	672,191
June	Canadian	124,954	39,370	66,837
	United States	309,879	348,193	573,039
	Total	434,833	387,563	639,876
July	Canadian	127,333	65,749	92,218
	United States	379,101	467,189	586,571
	Total	506,434	532,938	678,789
August	Canadian	98,794	56,674	109,742
	United States	459,718	408,332	538,458
	Total	558,512	465,006	648,200
September	Canadian	77,188	48,788	155,923
	United States	479,311	314,692	424,766
	Total	556,499	363,480	580,689
October	Canadian	56,007	34,883	54,916
	United States	538,203	357,203	421,763
	Total	594,210	392,086	476,679
November	Canadian	22,086	40,453	30,520
	United States	343,246	374,595	285,351
	Total	365,332	415,048	315,871
December	Canadian	8,159	22,329	2,518
	United States	75,389	176,965	83,286
	Total	83,557	199,294	85,804
Total	Canadian	637,640	318,526	608,752
	United States	2,898,744	2,774,981	3,609,496
	Total	3,536,384	3,093,507	4,218,248

Specially compiled for this report from official records at the above ports.

SESSIONAL PAPER No. 19b

STATEMENT Showing Monthly Quantities of Coal Carried into Fort William and Port Arthur, by Vessels which took Grain as Immediate Return Cargo, or Carried Coal as Immediate Return Cargo to Grain.

TABLE No. 20.

Month.	Carried by Vessels.	1911.	1912.	1913.
		Tons.	Tons.	Tons.
April	Canadian			19,875
	United States	23,831		6,095
	Total	23,831		25,970
May	Canadian	52,114	1,540	46,582
	United States	17,139	34,561	57,946
	Total	69,253	36,101	104,528
June	Canadian	15,250	25,430	49,265
	United States	13,887	18,340	20,953
	Total	29,137	43,770	70,218
July	Canadian	47,037	3,223	60,294
	United States	19,453	2,958	22,808
	Total	66,490	6,181	83,102
August	Canadian	24,832	5,947	40,351
	United States	12,844	16,414	
	Total	37,676	22,361	40,351
September	Canadian	31,898	4,660	88,582
	United States	13,217		49,152
	Total	45,115	4,660	137,734
October	Canadian	14,023	10,571	40,684
	United States	53,756	29,373	70,048
	Total	67,779	39,944	110,732
November	Canadian	12,033	35,833	41,722
	United States	98,777	82,621	110,676
	Total	110,810	118,454	152,398
December	Canadian		22,329	2,518
	United States	71,979	152,690	59,735
	Total	71,979	175,019	62,253
Total	Canadian	197,187	109,533	389,873
	United States	324,883	336,957	397,413
	Total	522,070	446,490	787,286

Specially compiled for this report from official records at the above ports.

Traffic to and from Lake Michigan.

CHICAGO Lake Shipments of Flour and Grain, to Canadian Ports, 1911-14, Inclusive.
TABLE No. 21.

From Chicago to	Flour.	Wheat.	Corn.	Oats.
1911.	Brl.	Bush.	Bush.	Bush.
Depot Harbour	49,330	75,000	1,105,000	958,000
Midland		230,900	3,312,700	1,102,100
Tiffin		95,000	2,768,000	1,640,800
Collingwood			1,263,700	
Meaford			1,379,200	122,300
Kingston			274,500	
Montreal		784,700	3,152,900	
Other Canadian Ports			2,123,000	
Totals	49,330	1,185,600	15,379,000	3,823,200
1912.				
Depot Harbour	47,810	466,200	870,100	554,800
Midland		80,000	1,181,300	128,000
Tiffin	200		722,800	1,469,900
Collingwood	7,000	86,000	2,661,400	
Meaford			555,000	
Kingston			248,000	
Montreal		506,000	73,900	397,800
Other Canadian Ports		75,000	876,800	604,500
Totals	55,010	1,213,200	7,189,300	3,155,000
1913.				
Depot Harbour	78,000	32,000	1,537,000	2,315,000
Midland		58,000	1,520,000	332,000
Tiffin		266,000	2,351,000	189,000
Collingwood			3,432,000	
Port Colborne		656,000		
Kingston			184,000	
Prescott			695,000	
Montreal		1,609,000	45,000	
Other Canadian Ports			55,000	
Totals	78,000	2,621,000	9,819,000	2,836,000
1914.				
Depot Harbour	21,000	5,843,000	1,578,000	2,653,000
Midland	1,000	601,000	724,000	442,000
Tiffin		2,223,000	484,000	1,365,000
Collingwood	1,000	138,000	2,841,000	
Port McNicol		2,366,000	61,000	541,000
Port Colborne		11,286,000	598,000	89,000
Prescott			586,000	
Montreal		4,792,000	20,000	114,000
Other Canadian Ports			55,000	
Totals	23,000	27,249,000	6,947,000	5,204,000

Compiled from the Chicago Board of Trade Reports.

SESSIONAL PAPER No. 19b

Shipments by Lake from Chicago, which Passed Through Canada in Transit to United States Points.

Table No. 22.

Year.	Flour.	Wheat.	Corn.	Oats.
	Brl.	Bush.	Bush.	Bush.
1909	25,404	1,188,470	5,758,425	.....
1910	13,921	116,000	7,965,900	1,683,210
1911	18,333	305,897	9,163,195	3,904,745
1912	23,003	546,162	5,712,464	2,162,471
1913	15,367	89,500	8,573,538	3,076,636
1914	17,489	2,175,559	5,632,636	3,847,181

Compiled from the Chicago Board of Trade Reports.

Future Development of Traffic.—Wheat and Flour.

STATEMENT Showing the average Weekly Shipments of World's Wheat and Flour Averaged for Nine Years, 1905-13.

TABLE No. 23. (000 omitted.)

Week of	To all Destinations.	To Europe.	To United Kingdom.	To Continent of Europe.
	Bush.	Bush.	Bush.	Bush.
Jan. 1	8,600	7,240	3,648	3,592
" 8	8,608	7,384	3,640	3,744
" 15	8,728	7,592	4,096	3,598
" 22	9,200	7,840	4,248	3,590
" 29	10,944	9,464	4,864	4,500
Feb. 5	11,416	9,800	4,912	4,888
" 12	11,296	9,840	4,840	5,000
" 19	11,232	9,696	4,920	4,768
" 26	10,976	9,536	4,896	4,632
Mar. 5	11,544	9,944	5,168	4,768
" 12	11,128	9,696	4,760	4,936
" 19	10,664	9,072	4,592	4,480
" 26	10,888	9,280	4,456	4,832
Apr. 2	10,736	9,248	4,384	4,864
" 9	11,296	9,712	4,178	5,536
" 16	10,328	8,976	3,656	4,432
" 23	10,536	9,168	4,072	5,096
" 30	10,112	8,648	3,400	5,248
May 7	10,608	9,112	3,768	5,384
" 14	11,384	9,992	4,376	5,616
" 21	11,952	9,800	4,440	6,072
" 28	11,624	10,368	4,944	5,336
June 4	11,528	10,296	4,888	5,408
" 11	11,648	10,144	4,584	5,552
" 18	10,400	9,080	3,824	5,256
" 25	9,896	8,656	3,880	4,768
July 2	10,032	8,616	4,304	4,312
" 9	9,616	8,128	3,856	4,272
" 16	8,040	6,760	3,264	3,496
" 23	8,248	7,024	3,720	3,272
" 30	8,528	7,456	3,920	3,536
Aug. 6	9,648	8,280	4,192	4,080
" 13	9,192	7,896	3,552	4,352
" 20	9,816	8,784	3,672	5,112
" 27	11,168	9,856	4,104	5,752
Sept. 3	11,312	9,856	3,784	6,064
" 10	11,640	10,424	3,208	7,192
" 17	12,264	11,128	4,128	6,992
" 24	12,248	10,688	3,968	6,720
Oct. 1	13,136	11,560	4,096	7,464
" 8	13,016	11,392	4,576	6,896
" 15	12,504	11,008	4,120	6,792
" 22	12,360	10,920	4,160	6,760
" 29	11,944	11,702	4,416	5,984
Nov. 5	13,000	11,048	4,616	6,432
" 12	12,984	11,472	4,448	7,008
" 19	11,936	10,336	4,280	6,040
" 26	11,440	10,112	4,208	5,904
Dec. 3	10,920	9,408	3,816	5,592
" 10	10,688	9,160	3,936	5,240
" 17	9,544	8,040	3,832	4,200
" 24	9,688	8,088	3,816	4,256

Compiled from Broomhall's Corn Trade Year Book.

SESSIONAL PAPER No. 19b

STATEMENT Showing Weekly Shipments of Wheat and Flour Averaged for Nine Years, 1905-13, from Chief Exporting Countries.

TABLE No. 24. (000 omitted.)

Week of	Canada and United States to World.	Russia to World.	Balkan States to Europe.	India to Europe.	Argentine to Europe.	Australia and New Zealand to World.
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
Jan. 1	3,808	1,672	1,168	728	320	456
" 8	3,896	1,568	1,088	552	360	720
" 15	3,568	1,416	976	664	664	1,232
" 22	3,224	1,704	648	432	1,280	1,728
" 29	3,216	1,256	760	576	2,288	1,976
Feb. 5	3,104	1,042	696	400	2,888	1,592
" 12	2,888	1,664	832	432	3,376	1,672
" 19	2,696	1,592	792	312	3,704	1,584
" 26	2,760	1,520	520	432	3,872	1,424
Mar. 5	2,832	1,728	712	456	3,704	1,632
" 12	2,344	1,576	712	428	4,312	1,472
" 19	2,376	1,656	584	336	3,752	1,464
" 26	2,216	1,592	632	496	4,016	1,312
Apr. 2	2,608	1,704	664	456	3,552	1,224
" 9	2,528	1,856	952	392	3,648	1,288
" 16	2,288	2,248	744	408	3,320	864
" 23	2,240	2,360	760	544	3,104	1,016
" 30	2,264	2,504	784	448	2,936	696
May 7	2,344	2,648	1,008	648	2,824	664
" 14	3,448	3,000	888	656	2,496	568
" 21	3,736	2,960	784	920	2,544	576
" 28	3,936	2,752	688	1,256	1,976	608
June 4	3,520	2,888	720	1,408	1,904	648
" 11	3,320	3,264	784	1,280	1,976	528
" 18	2,720	2,680	928	1,512	1,736	408
" 25	2,376	2,712	784	1,544	1,720	304
July 2	2,408	2,776	608	1,784	1,344	592
" 9	2,344	2,640	544	1,788	1,336	440
" 16	1,840	2,088	528	1,536	1,248	328
" 23	2,320	1,792	304	1,592	1,224	416
" 30	2,448	2,008	632	1,400	1,216	344
Aug. 7	3,240	1,712	904	1,392	1,384	576
" 14	3,280	1,808	1,048	1,160	944	424
" 21	3,552	2,504	1,480	936	736	480
" 28	3,872	2,712	1,776	1,056	704	464
Sept. 4	3,744	3,280	1,808	848	552	496
" 11	3,056	3,808	2,384	616	640	600
" 18	3,888	4,320	2,040	664	480	448
" 25	4,432	3,896	1,840	744	424	362
Oct. 2	4,944	3,968	1,944	688	552	448
" 9	4,712	4,368	1,920	568	480	392
" 16	5,096	3,560	1,912	536	448	440
" 23	4,880	3,632	1,856	640	376	472
" 30	5,040	3,552	1,480	456	496	416
Nov. 6	5,624	3,760	1,640	608	280	520
" 13	5,144	4,168	1,608	672	584	376
" 20	5,216	3,640	1,248	464	424	328
" 27	4,864	3,336	1,464	544	448	304
Dec. 4	4,848	2,944	1,456	536	416	368
" 11	4,952	2,664	1,704	352	280	336
" 18	4,624	2,024	1,440	368	264	392
" 25	4,312	2,304	1,560	400	232	384
Average 1st 3 mos	38,928	19,986	10,120	6,144	34,536	18,264
" 2nd 3 "	37,328	33,576	10,488	11,472	33,736	9,392
" 3rd 3 "	40,424	35,344	15,896	15,536	12,232	5,970
" 4th 3 "	64,256	43,920	21,232	6,832	5,280	5,176

Compiled from Broomhall's Corn Trade Year Book.

MONTHLY Quantities of Wheat Received at and Shipped from Fort William and Port Arthur, January, 1909, to August, 1915, inclusive.

TABLE No. 25.

Month.	Receipts.	Shipments by Lake and by Rail.
1909.	Bush.	Bush.
January	2,909,514	2,873,362
February	1,593,744	1,427,385
March	3,446,330	1,735,859
April	3,871,656	1,628,287
May	1,615,988	6,586,366
June	590,691	2,702,797
July	1,458,528	1,795,137
August	171,938	1,010,307
September	11,115,607	5,281,626
October	17,042,687	15,500,307
November	15,095,051	16,375,476
December	6,817,184	9,283,825
Total	65,728,918	66,200,734
1910.		
January	2,652,432	1,895,385
February	1,717,366	1,204,073
March	2,770,873	1,489,426
April	4,185,470	6,208,050
May	4,493,260	5,648,301
June	2,155,166	3,522,210
July	2,755,079	2,478,500
August	1,485,426	3,379,145
September	8,466,582	4,284,320
October	18,604,400	10,467,600
November	13,340,056	16,682,031
December	6,143,821	3,862,892
Total	68,769,931	61,121,933
1911.		
January	989,719	1,358,602
February	995,592	806,908
March	4,198,047	2,062,170
April	5,167,792	5,579,410
May	3,517,136	8,746,679
June	3,508,156	2,609,013
July	4,460,816	3,767,454
August	1,739,754	5,079,380
September	5,674,405	4,360,252
October	19,320,428	14,780,210
November	19,941,556	22,315,785
December	16,446,798	8,367,629
Total	84,960,199	79,833,492
1912.		
January	6,876,994	5,161,375
February	6,693,341	4,499,309
March	5,828,737	4,613,266
April	2,674,869	2,261,341
May	9,652,818	18,778,167
June	6,637,726	9,644,435
July	5,394,792	7,269,612
August	3,050,275	4,881,793
September	2,743,428	2,893,813
October	19,586,631	12,663,182
November	27,583,511	29,387,576
December	14,975,147	12,952,924
Total	111,698,269	115,006,793

SESSIONAL PAPER No. 19b

MONTHLY Quantities of Wheat Received at and Shipped from Fort William and Port Arthur, January, 1909, to August, 1915, inclusive—*Continued.*

TABLE No. 25.—*Con.*

Month.	Receipts.	Shipments by Lake and by Rail.
1913.	Bush.	Bush.
January	12,105,146	7,909,881
February	4,064,093	4,774,861
March	2,370,233	1,795,625
April	2,690,930	2,076,689
May	10,199,180	16,660,981
June	5,545,303	6,342,116
July	4,346,576	8,154,907
August	1,284,579	3,049,662
September	18,075,473	5,838,776
October	37,546,215	38,406,180
November	30,946,217	30,274,691
December	17,883,688	20,614,092
Total	147,057,633	145,898,461
1914.		
January	3,309,258	2,726,860
February	1,184,374	1,347,792
March	2,895,669	1,019,284
April	5,011,571	3,315,251
May	5,937,263	14,609,449
June	5,021,318	5,717,509
July	5,515,187	6,920,366
August	1,410,972	2,166,322
September	26,392,140	12,526,733
October	11,608,678	17,432,578
November	8,888,394	16,514,023
December	4,168,141	2,436,194
Total	81,342,965	86,732,361
1915.		
January	1,641,914	1,049,868
February	2,544,505	2,649,504
March	4,565,436	915,699
April	6,215,271	8,855,004
May	4,381,037	7,597,505
June	2,496,906	3,152,508
July	2,086,084	2,767,164
August	727,100	2,022,622
Total (for 8 mos.)	24,658,253	29,009,874

Compiled from the Reports of the Department of Trade and Commerce. Part V, Grain Statistics.

MAXIMUM Quantity of Wheat in store, monthly, at Terminal Elevators, Fort William and Port Arthur, 1909–15.

TABLE No. 26.

Month.	1909.	1910.	1911.	1912.	1913.	1914.	1915.
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
January	4,369,130	4,728,965	6,918,390	12,651,178	18,743,042	14,688,105	5,186,293
February	4,535,489	5,329,575	6,425,975	14,712,854	20,365,134	14,966,286	5,364,446
March	6,245,959	6,384,702	8,705,499	16,300,046	21,003,967	15,989,234	7,679,814
April	8,489,328	7,276,657	11,200,031	16,323,082	22,578,571	18,954,534	12,347,761
May	3,518,949	5,178,804	6,585,605	16,222,406	10,555,192	12,246,979	5,097,160
June	1,406,842	3,990,190	3,864,206	6,341,868	7,056,343	4,240,807	3,235,921
July	1,060,231	3,173,436	4,553,699	5,031,034	5,578,374	3,599,772	2,429,777
August	788,406	3,022,870	3,920,920	4,162,174	2,336,528	1,806,111	1,263,817
September	4,867,714	5,561,358	3,075,576	2,313,952	7,127,194	14,347,902	4,181,642
October	7,807,724	8,163,409	6,133,461	9,264,860	10,913,404	17,206,128	14,777,510
November	7,189,463	9,226,951	10,191,442	10,433,177	13,084,142	10,094,264	18,231,048
December	3,996,998	6,781,018	11,065,583	9,484,031	11,611,142	4,533,340	17,704,746

Compiled from the Weekly Bulletins, Department of Trade and Commerce.
Includes winter storage afloat.

MONTHLY Shipments of World's Wheat and Flour to United Kingdom 1909 to 1914.

TABLE No. 27. (.000 omitted.)

Month.	1909.	1910.	1911.	1912.	1913.	1914.
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
January	20,594	22,885	14,024	15,059	20,660	23,616
February	20,882	19,994	15,842	13,852	19,248	19,937
March	19,741	20,844	20,282	22,166	21,705	20,098
April	11,162	21,670	16,065	20,425	17,058	12,011
May	19,817	21,106	21,112	22,013	24,748	17,641
June	16,030	14,276	19,340	22,929	22,780	20,608
July	13,912	14,145	19,099	19,545	18,254	20,926
August	17,140	18,306	17,552	18,571	18,481	21,685
September	18,096	18,212	15,489	20,486	15,697	17,827
October	18,547	21,026	19,928	22,921	19,075	20,877
November	19,950	20,071	19,587	20,984	16,918	20,150
December	20,890	15,618	17,339	15 276	17,386	16,946

Compiled from weekly statements in Broomhall's Corn Trade Year Book, quantities in overlapping weeks being distributed according to number of days in each month.

SESSIONAL PAPER No. 19b

PRICES OF CONTRACT Grade Wheat—Liverpool Corn Exchange and Cash No. 1 Northern Winnipeg Grain Exchange.

HIGH AND LOW per month January, 1909, to August, 1914 (in cents per bushel).

TABLE No. 28.

Month.	Liverpool.		Winnipeg.	
	High.	Low.	High.	Low.
1909.				
January	111·3	108·4½	100½	98¼
February	118·8	111·6	111⅛	100½
March	119·8½	115·3½	113¾	107
April	132·9	121·5	125	114¼
May	133 6½	126·4½	128⅜	120⅝
June	134·4	128·4	135¾	126
July	138·6	134·1	133¾	119
August	120·3	109·9½	119	97
September	112·2	108·3	99⅞	94½
October	114	108·9	99⅜	94½
November	117·4½	111·4½	100⅛	95⅝
December	119·2½	116·2½	102⅞	94⅞
1910.				
January	121·9½	116·8½	105¼	101⅞
February	120	116·1	103¾	101⅝
March	119·8½	115·9½	105⅜	102¼
April	115·9½	104·7	105¾	98⅜
May	105·9	88·5	100¼	86½
June	97·0½	90·6	101¾	87½
July	110·1	94·3½	117⅝	101
August	112·0½	105·3	106¼	101¾
September	109·2	102·7½	106¼	97¾
October	107·1	101·1	100¼	91¾
November	102	97·0½	95⅝	88½
December	99·7½	96·7½	91½	89½
1911.				
January	103·5	100·9½	95¾	92
February	101·8½	97·8	93	88
March	97·5	94·5	91¼	88¾
April	99·3	94·2	94¼	87⅝
May	101·4	98·4	96¼	93½
June	100·2	97·2	99¼	95¼
July	102 4½	98·5½	97¼	95½
August	105·6	101·4	101¾	96
September	108·6	103·8	103½	98¼
October	108·6	105·6	102	97½
November	105·6	100·8	100	97
December	106·8	103·2	96¼	93
1912.				
January	111·0	106·2	97	93⅝
February	115·2	110·4	98½	96¼
March	120	114·6	99¾	97¾
April	123	118·2	105	99¾
May	118·2	111·6	104¾	102⅜
June	113·4	111·6	109¼	103½
July	110·5	108·1½	108	105½
August	110 5½	105·7½	107	104½
September	111·6	108·7½	105¾	89
October	115·5	110·7	92¾	88
November	109·8	103·5	87½	78½
December	106·9½	103·8	82	78½

PRICES OF CONTRACT Grade Wheat—Liverpool Corn Exchange and Cash No. 1 Northern Winnipeg Grain Exchange—*Continued.*

TABLE No. 28—*Con.*

Month.	Liverpool.		Winnipeg.	
	High.	Low.	High.	Low.
1913.				
January	108·4½	106·5	84⅛	81¼
February	108·7½	106·6½	85⅜	83⅛
March	110·2½	106·9½	86⅞	84
April	112·5	106·5	93¾	87⅝
May	111·6	107·4	95	92⅝
June	108·4½	106·5	99½	93¾
July	108·4½	105·6	97¼	95
August	103·8	101·5½	96¼	87¼
September	104·4	101·4	89⅜	82¼
October	102·1½	97·5	82⅝	78
November	103·3½	99·9	85½	80⅝
December	101·4	97·6½	84½	81⅝
1914.				
January	104·7	102·4½	86⅝	83½
February	106·6½	103·3½	91¼	86¼
March	106·2	103·8	91⅛	88⅝
April	103·8	101·5½	91⅞	88¾
May	105	102·1½	96⅝	90⅜
June	105·3	95·7	96	88
July	100 8	97·3½	99⅛	88
August	123·6	108	116⅝	97⅛
September	131·4	117·6	120¼	107½
October	124·2	116·4	117¾	104⅛
November	....	....	121⅛	114¾
December	....	....	122½	115⅝

Liverpool quotations supplied through the courtesy of G. J. S. Broomhall.
Winnipeg quotations from Annual Reports Winnipeg Grain Exchange.

SESSIONAL PAPER No. 19b

The Routing of Export Traffic and Ocean Freight Rates.

STATEMENT showing Direct and Indirect Exports of Canadian Wheat, by months, 1911–13.

TABLE No. 29.

Month.	DIRECT.	INDIRECT.			Total.
	Exported direct from Canadian North Atlantic Ports. [1]	Diverted to United States export routes from [2]			
		Pt. Arthur and Ft. William.	Duluth	Exported from Portland, Me.[3]	
1911.	Bush.	Bush.	Bush.	Bush.	Bush.
January	1,065,922			351,910	1,417,832
February	1,074,881			478,843	1,553,724
March	1,566,219			1,052,708	2,618,927
April	1,048,761	2,298,063		773,882	4,120,706
May	2,770,723	4,507,533	32,000		7,310,256
June	1,928,485	537,851	80,000		2,546,336
July	1,879,246	1,010,616	196,066		3,085,928
August	2,365,266	1,185,387			3,550,653
September	2,167,843	956,983	292,743		3,417,569
October	2,341,751	8,615,020	971,255		11,928,026
November	3,070,363	11,175,554	56,000	80,000	14,381,917
December	1,199,894	3,477,797		702,851	15,380,542
Total	22,479,354	33,764,804	1,628,064	3,440,194	61,312,416
1912.					
January	1,638,810			828,170	2,466,980
February	1,326,324			950,239	2,276,563
March	1,325,371			1,213,285	2,538,656
April	1,617,692		3,134,863	1,162,120	5,914,675
May	3,892,351	12,240,757	3,151,457	238,094	19,522,659
June	4,001,137	3,108,951	179,209		7,289,297
July	2,850,194	1,688,906	190,504		4,729,604
August	3,601,416	666,615	148,713		4,416,744
September	1,983,463	345,231	57,000		2,385,694
October	2,284,683	6,321,953	304,903		8,911,539
November	4,352,707	13,679,262	181,104	40,000	18,253,073
December	1,382,327	6,201,135	108,447	1,331,380	9,023,289
Total	30,256,475	44,252,810	7,456,200	5,763,288	87,728,773
1913.					
January	1,607,374			1,074,865	2,682,239
February	1,614,626			1,137,760	2,752,386
March	1,325,224			1,197,134	2,522,358
April	985,927	8,074,767	1,186,068	1,164,198	11,410,960
May	5,243,408	4,990,261	1,883,971	463,837	12,581,477
June	5,235,482	1,196,475	280,948	71,851	6,784,756
July	4,133,389	451,664	309,347		4,894,400
August	4,343,468	31,073	14,168		4,388,709
September	1,943,270	5,767,537	199,737		7,910,544
October	3,502,308	18,068,521	159,748	590,490	22,321,067
November	4,678,607	22,013,586	178,000	970,114	27,840,307
December	1,443,000	7,997,726		1,553,214	10,993,940
Total	36,056,083	68,591,610	4,211,987	8,223,463	117,083,143

[1] Compiled direct from the ships' manifests.

[2] Compiled direct from official records at the lake ports.

[3] Compiled from United States records, through the courtesy of the Bureau of Foreign and Domestic Commerce, Department of Commerce, Washington.

Ocean Freight Rates on Heavy Grain Between Montreal and Liverpool.

Table No. 30. (Cents per bushel.)

Month	1909.		1910.		1911.		1912.		1913.		1914.	
	High.	Low.	High.	Low.	High.	Low.	High.	Low.	High.	Low.	High.	Low.
May	4·75		3·375		4·125	3·75	7·50	4·50	9·75	7·50	4·875	3·75
June	3·75	3·00	3·75	3·125	4·125	3·75	7·50	6·00	9·00	7·50	6·00	4 50
July	3·00	2·25	3·375	2·50	4·125	3·75	8·25	4·50	9·00	8·25	7·50	4·50
August	4·125	3·00	3·375	1·50	5·25	3·75	8·25	4·50	7·50	6·75	7·50	4·50
September	5·25		4·125	2·25	5·25		7·50	4·875	8·25	5·25	8·25	6·375
October	6·00	4·50	5·25	3·75	6·187	4·125	12·75	7·50	7·50	6 75	9·00	6·75
November	5·625		5·25	3·375	6·75	4·125	12·75	7·50	9·00	6·00	15·00	8·625

Compiled from The Montreal Board of Trade Report.

Rates of Insurance on Grain Shipped from Montreal to Liverpool, by Steamers of Regular Lines Loading General Cargo. (Rates per $100 value of cargo).

Table No. 31.

Year.	May 1 to Aug. 1.	Aug. 2 to Aug. 31.	Sept. 1 to Sept. 10.	Sept. 11 to Sept. 15.	Sept. 16 to Sept. 25.	Sept. 26 to Sept. 30.	Oct. 1 to Oct. 10.	Oct. 11 to Oct. 15.	Oct. 16 to Oct. 26.	Oct. 27 to Oct. 30.	Oct. 31 to Nov. 10.	Nov. 11 to Nov. 15.	Nov. 16 to Close.
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1911	25	25	25	25	25	35	35	45	45	57½	57½	67½	67½
1912	25	25	25	25	27½	27½	30	30	37½	37½	40	40	45
1913	20	20	20	20	20	20	22½	22½	25	25	35	35	40
1914	20	25	28	28	28	28	30	30	30	30	44	44	50

SESSIONAL PAPER No. 19b

Ocean Freight Rates on Wheat from Ports Named to United Kingdom, 1909-14.

Table No. 32.

Week	New York.	Odessa.	Karachi.	River Plate down River.	Sailer Australia.
1909.	Cents.	Cents.	Cents.	Cents.	Cents.
1st	3·15	3·37	8·02	8·15	13·96
2nd	3·15	3·69	8·02	8·15	14·12
3rd	3·63	3·69	8·74	7·66	13·96
4th	3·63	3·85	8·74	7·66	13·96
5th	3·15	3·85	8·87	7·83	13·96
6th	3·15	4·01	8·87	7·83	13·96
7th	3·15	4·01	8·87	7·50	13·96
8th	3·15	4·01	8·87	7·50	13·96
9th	3·15	4·01	8·87	7·02	13·96
10th	3·15	4·17	8·87	6·18	13·96
11th	3·15	4·17	8·87	5·61	13·96
12th	3·15	3·85	8·87	5·37	12·84
13th	3·15	3·85	8·87	6·35	12·84
14th	3·15	3·85	8·87	6·86	13·16
15th	3·15	3·85	8·87	7·50	13·16
16th	3·15	4·43	8 87	8·80	13·16
17th	3·15	3·85	8·87	9·13	Nom.
18th	3·15	3·85	8·87	8·46	Nom.
19th	3·15	4·01	8·87	8·46	Nom.
20th	3·15	4·17	8·87	8·80	Nom.
21st	3·15	3·85	8·87	8·80	Nom.
22nd	3·15	4·01	10·33	8·80	Nom.
23rd	3·15	3·85	10·33	8·14	Nom.
24th	3·15	3·85	10·33	8·31	Nom.
25th	3·15	3·69	10·33	7·98	Nom.
26th	3 15	3·69	10·16	7·83	Nom.
27th	3·15	3·85	10·16	7·83	Nom.
28th	3·15	4·17	9·63	7·34	Nom.
29th	3·15	4·17	8·87	5·86	14·76
30th	3·15	5·13	8·87	4·88	14·76
31st	3·15	5·77	8·87	4·88	14·76
32nd	3·15	5·77	8·87	4·88	14.76
33rd	3·15	5·13	8 87	4·72	15·08
34th	3·15	4 97	8 87	4·72	15·08
35th	3·15	4·81	8·87	5·22	15·08
36th	3·15	5·13	8 87	4·88	15·08
37th	3·15	5·13	8·87	5·05	15·08
38th	3·15	5·13	8·87	5·05	15·08
39th	3·15	5·29	8·87	4·56	15·08
40th	3·15	5 29	11·06	4·56	15·08
41st	4·11	5·29	11·42	4·56	15·08
42nd	4·11	5·45	11·42	4·72	14·92
43rd	4 11	5·13	11·06	5·21	14·92
44th	4 65	4·17	11·06	5·54	14·92
45th	4·65	3·85	11·06	5·54	14·92
46th	5·13	4·33	11·06	5·86	14·92
47th	5·13	4·81	10·70	6·86	14·92
48th	5·13	4 81	10·70	6·86	14·92
49th	4·92	4·49	10·70	6·86	14·76
50th	4·11	5 13	10·70	6·52	14·76
51st	4·11	5·45	10·70	6·86	14·76
52nd	4·11	5·45	11·06	6·86	14·76

OCEAN Freight Rates on Wheat from Ports Named to United Kingdom, 1909-14—*Con.*

TABLE No. 32. Con.

Week	New York.	Odessa.	Karachi.	River Plate down River.	Sailor Australia.
1910.	Cents.	Cents.	Cents.	Cents.	Cents.
1st	4·11	5·45	11·05	6·86	14·76
2nd	4·11	5·45	11·05	6·69	14·76
3rd	4·11	5·29	11·05	6·69	14·76
4th	4·11	4·97	11·05	6·52	14·76
5th	2·56	4·81	11·05	6·52	14·76
6th	2·56	5·13	11·42	6·02	14·76
7th	2·56	4·81	11·05	Nom.	14·76
8th	2·08	4·81	10·70	5·06	14·12
9th	2·08	4·81	10·70	5·06	14·12
10th	2·56	4·17	10·70	4·73	14·12
11th	2·56	4·49	10·70	4·73	14·12
12th	2·56	5·60	10·70	4·73	13·32
13th	2·56	5·77	10·70	4·73	13·32
14th	2·56	5·60	10·53	5·22	13·32
15th	3·21	5·93	11·05	4·88	13·32
16th	3·21	5·60	11·05	4·88	13·32
17th	2·56	5·29	11·05	4·88	13·32
18th	2·56	5·29	10·70	4·88	13·32
19th	2·56	5·29	10·53	3·91	13·32
20th	3·21	4·49	10·53	4·24	13·32
21st	3·21	4·49	10·15	4·24	13·32
22nd	2·56	4·17	10·63	5·21	13·32
23rd	2·56	4·17	8·56	4·88	13·32
24th	2·56	4·01	8·56	4·72	13.32
25th	2·56	4·01	8·20	4·88	13·32
26th	2·56	4·01	7·13	4·88	13·32
27th	2·56	4·49	7·85	4·88	13·32
28th	3·21	4·97	8·56	4·88	13·32
29th	2·56	4·65	9·26	6·18	13·32
30th	2·56	4·81	9·62	6·18	13·96
31st	2·56	4·97	9·98	7·17	13·96
32nd	2·56	5·13	9·98	6·52	14·28
33rd	3·21	5·13	9·98	6·18	14·28
34th	3·21	5·77	10·70	6·86	14·28
35th	3·21	6·09	10·70	6·86	14·28
36th	3·21	6·42	10·70	6·86	14·28
37th	3·21	7·06	10·70	7·02	14·28
38th	3·21	7·38	11·42	7·02	14·28
39th	3·21	7·22	11·42	7·02	14·28
40th	4·17	7·06	12·12	7·34	14·92
41st	4·17	7·38	12·12	7·16	14·92
42nd	4·17	7·06	12·12	7·02	14·92
43rd	4·17	6·42	12·12	6·18	14·92
44th	4·17	5·45	11·42	6·02	14·92
45th	4·17	4·81	11·42	5·86	14·92
46th	3·69	5·29	11·42	5·86	14·92
47th	3·69	5·45	11·42	6·02	14·92
48th	3·69	6·09	11·05	6·02	14·92
49th	3·21	5·29	11·42	6·69	14·76
50th	4·65	5·45	11·42	6·86	14·76
51st	4·17	5·45	11·42	7·17	14·76
52nd	4·17	5·60	11·42	7·50	14·76

SESSIONAL PAPER No. 19b

Ocean Freight Rates on Wheat from Ports Named to United Kingdom, 1909-14—*Con.*

Table No. 32—*Con.*

Week.	New York.	Odessa.	Karachi.	River Plate down River.	Sailer Australia.
1911.	Cents.	Cents.	Cents.	Cents.	Cents.
1st	4·11	5·77	11·42	7·84	14·76
2nd	4·11	5·60	11·42	6·52	15·08
3rd	4·11	5·77	11·42	6·02	15·40
4th	4·11	5·60	11·42	6·18	15·24
5th	4·65	5·77	11·42	6·52	15·24
6th	4·11	5·45	11·78	5·86	15·24
7th	4·11	5·45	11·78	5·86	15·89
8th	4·11	5·77	11·42	6·02	15·89
9th	4·11	5·13	11·42	5·86	15·56
10th	4·11	4·81	11·42	6·02	15·89
11th	4·11	4·81	11·42	6·02	15·40
12th	3·63	5·45	11·05	6·18	15·40
13th	3·63	5·13	10·70	6·52	15·40
14th	3·15	5·13	10·70	6·25	15·08
15th	2·65	5·13	10·70	6·25	15·08
16th	3·15	5·93	10·70	6·52	13·96
17th	3·15	5·45	11·42	6·52	13·96
18th	2·88	5·93	11·78	6·52	14·60
19th	3·15	5·93	12·12	6·18	14·60
20th	2·88	5·45	12·12	6·18	15·56
21st	3·15	5·45	12·12	5·86	15·56
22nd	3·15	5·13	12·12	5·53	16·05
23rd	3·15	4·49	11·05	5·21	16·05
24th	3·15	4·17	11·05	4·87	16·05
25th	3·15	4·17	11·70	4·87	16·05
26th	2·56	4·65	11·70	4·56	16·05
27th	3·15	5·45	11·70	4·56	16·05
28th	3·15	5·13	11·05	4·56	16·05
29th	3·63	5·93	11·05	4·56	16·05
30th	3·63	5·93	11·05	4·56	16·05
31st	3·63	5·93	11·42	4·56	16·05
32nd	4·11	5·93	11·42	4·56	16·05
33rd	4·11	5·93	11·42	4·56	16·05
34th	4·11	5·45	11·42	5·54	16·05
35th	4·11	5·45	11·42	5·54	16·05
36th	5·13	5·45	11·42	5·54	16·05
37th	4·92	5·45	11·42	5·54	16·05
38th	4·92	5·77	11·83	5·54	16·05
39th	4·65	6·09	11·83	5·54	16·05
40th	4·11	6·42	11·83	5·54	16·05
41st	5·66	6·42	11·83	5·54	16·05
42nd	6·15	6·75	12·12	5·54	16·69
43rd	5·66	6·75	12·12	5·54	16·69
44th	6·15	6·42	12·12	5·54	16·69
45th	6·15	6·42	12·66	5·54	16·69
46th	6·15	6·42	12·49	5·54	16·69
47th	5·66	6·42	12·49	5·54	16·69
48th	6·15	7·86	12·49	6·18	16·69
49th	6·15	7·38	12·12	6·52	16·69
50th	7·11	7·38	12·12	6·52	16·69
51st	7·11	7·38	12·12	6·52	16·69
52nd	6·64	7·38	12·12	7·17	16·69

Ocean Freight Rates on Wheat from Ports Named to United Kingdom, 1909-14—*Con.*

Table No. 32.— Con.

Week.	New York.	Odessa.	Karachi.	River Plate down River.	Sailer Australia.
1912.	Cents.	Cents.	Cents.	Cents.	Cents.
1st	6·64	7·06	12·12	6·52	16·69
2nd	6·64	6·91	12·49	6·52	17·35
3rd	7·11	7·22	13·19	6·52	18·15
4th	6·15	6·75	13·53	Nom.	18·47
5th	6·15	6·42	13·53	Nom.	18·47
6th	8·13	6·59	13·53	10·01	18·47
7th	8·13	6·91	13·53	10·01	19·11
8th	7.11	6·91	13·53	11·09	19·11
9th	8·13	6·59	13·53	Nom.	19·11
10th	7·59	6·59	13·53	11·42	19·11
11th	7·59	6·59	13·53	11·42	19·11
12th	7·59	7·06	13·53	12·37	19·11
13th	8·13	7·06	13·53	12·71	19·11
14th	8·13	7·06	14·98	16·60	19·11
15th	7·59	7·06	15·70	16·60	19·11
16th	7·59	7·70	15·70	16·92	18·79
17th	7·11	7·70	16·05	17·91	18·79
18th	6·64	7·70	15·32	17·61	18·79
19th	6·15	8·98	14·27	18·27	18·79
20th	5·66	8·98	14·27	19·55	18·79
21st	5·66	8·98	14·98	20·41	20·06
22nd	5·66	7·70	14·62	18·26	18·63
23rd	5·66	7·38	13·52	16·92	20·06
24th	4·11	6·42	12·49	11·72	20·06
25th	5·13	6·42	13·19	12·71	20·06
26th	5·13	6·42	13·52	12·05	20·06
27th	5·13	6·42	13·52	11·08	18·15
28th	5·13	6·42	13·52	11·08	18·15
29th	5·13	6·42	13·52	11·08	18·15
30th	4·11	6·42	13·52	12·33	18·15
31st	4·11	7·60	13·52	11·72	18·15
32nd	4·11	7·70	14·98	12·71	18·15
33rd	6·15	7·86	14·98	13·69	17·35
34th	6·15	7·38	14·62	18·60	17·35
35th	8·13	7·54	14·62	14·67	Nom.
36th	8·13	8·02	14·62	15·00	Nom.
37th	9·14	8·66	15·70	16·60	Nom.
38th	10·11	11·23	16·05	20·02	Nom.
39th	10·11	10·59	16·05	18·10	Nom.
40th	10·64	10·27	16·05	19·55	Nom.
41st	9·63	10·27	16·05	19·55	Nom.
42nd	10·75	12·84	16·40	15·99	Nom.
43rd	10·64	14·12	16·76	15·99	Nom.
44th	11·12	14·76	16·76	16·48	Nom.
45th	11·12	11·87	16·76	16·61	Nom.
46th	11·12	9·63	15·32	15·98	Nom.
47th	10·64	8·02	14·98	14·33	Nom.
48th	10·11	7·06	14·28	18·42	Nom.
49th	10·11	6·91	13·90	12·71	Nom.
50th	9·63	6·75	13·52	12·71	23·59
51st	9·14	6·09	12·83	12·38	22·79
52nd	9·14	6·09	12·49	12·08	22·79

SESSIONAL PAPER No. 19b

Ocean Freight Rates on Wheat from Ports Named to United Kingdom, 1909-14—*Con.*

Table No. 32—*Con.*

Week.	New York.	Odessa.	Karachi.	River Plate down River.	Sailer Australia.
1913.	Cents.	Cents.	Cents.	Cents.	Cents.
1st	6·93	6·09	12 83	14·50	23·91
2nd	6·93	8·02	13·91	14·68	23·91
3rd	6·93	8·02	13 53	14·68	24·55
4th	8·13	7·06	13·53	14·68	23·91
5th	6·15	6·75	13·53	15·48	23·91
6th	6·15	6·09	13·53	15·63	23·75
7th	5 66	5·77	13·53	17·29	23·11
8th	6·31	5·77	13·53	16·30	21·66
9th	6·85	6·09	13·53	15·30	21·66
10th	6·15	5·77	12·83	13·52	*23·43
11th	6·15	5·45	12·49	12·87	22·78
12th	6·15	5·45	12 49	12.38	22·78
13th	5·66	5·60	11·05	13·36	22·46
14th	6·15	5·60	11·05	13·36	20·86
15th	6·15	6·09	11·42	11·72	20·86
16th	6·15	5.77	11·42	12·06	20·86
17th	7·11	6·09	11·77	11·40	20·54
18th	7·11	6·09	11·77	10·10	20·86
19th	7·11	5·93	12·49	9·77	20·22
20th	7·11	5·45	12·49	9 44	20·22
21st	6·64	5·45	12·12	9·76	20·06
22nd	6·64	5·13	12·49	9·44	20·06
23rd	6·15	4·49	11·76	8·62	20·54
24th	5·66	4·49	11·42	8·62	20·22
25th	4·65	5·45	11·42	9·44	20·22
26th	4·65	5·45	11·76	9·44	20·22
27th	4·65	5·45	11·76	10·13	20·22
28th	4 65	6·09	12·49	10·75	20·06
29th	4·65	6·09	12·49	10·10	19·58
30th	4·65	6·09	13·42	10·42	19 58
31st	4·65	7·06	13·42	10·42	19·58
32nd	4·65	7·54	13·19	12·05	19 58
33rd	5·88	8·02	12·12	11·09	19·58
34th	5·13	8·50	11·72	11·72	*20·22
35th	4·66	7·85	12·10	10·43	19·28
36th	4·12	8·35	12·10	9·78	19 28
37th	4·12	8·19	12·10	8·64	19·28
38th	5·67	7·85	12·86	8 15	19·60
39th	5·67	8·03	12·50	7·84	19 60
40th	5·83	7 39	12·50	7·17	19·60
41st	5·67	6·42	11·43	6·86	19·60
42nd	6·16	5·94	11·43	6·86	19·60
43rd	4 66	5·94	10·70	6·52	20·25
44th	4·66	5.30	Nom.	6·52	20·25
45th	6·16	5.30	Nom.	6·19	19·92
46th	5·14	5·46	Nom.	5·87	19·28
47th	4·66	6·32	Nom.	5·87	19·92
48th	4·12	5·67	10·70	6·52	19·28
49th	4·66	5 30	10·70	6·52	19·76
50th	4·12	4·82	10·36	7·18	19·60
51st	4·12	4·50	10·36	6·85	19·44
52nd	5·14	4·50	10·36	6·52	19·28

* The rates shown from the 10th to the 34th week are steamer rates.

OCEAN Freight Rates on Wheat from Ports Named to United Kingdom, 1909-14—*Con.*

TABLE No. 32—*Con.*

Week.	New York.	Odessa.	Karachi.	River Plate down River.	Sailer Australia.
1914.	Cents.	Cents.	Cents.	Cents.	Cents.
1st	5·14	4·17	10·00	6·52	19·28
2nd	5·14	4·17	10·00	6·86	19·28
3rd	4·12	4·01	9·64	6·19	18·67
4th	4·12	4·01	9·64	5·54	17·68
5th	4·12	4·01	9·27	4·88	17·68
6th	4·12	4·01	9·27	4·73	15·26
7th	3·91	4·17	9·27	4·88	14·46
8th	3·91	4·66	9·27	6·19	14·46
9th	3·16	4·50	9·27	6·19	15·02
10th	3·16	4·82	9·27	6·19	14·14
11th	2·89	4·82	9·27	6·19	14·14
12th	2·89	4·82	8·20	5·87	13·82
13th	3·16	4·82	8·20	6·86	13·50
14th	3·91	4 82	7·85	7·67	13·50
15th	3 91	4·66	7·85	7·51	14·14
16th	3·91	4·17	6·43	6·86	13·17
17th	3·16	4·17	6·43	6·86	13.34
18th	3·16	4·50	6·43	5·87	13·66
19th	3·16	4·82	7·50	5·87	13·50
20th	3·16	4·89	9·27	Nom.	13·82
21st	3·16	5·14	9·63	Nom.	13·82
22nd	3·16	4·50	9·63	Nom.	13·82
23rd	3·91	4·33	9·63	Nom.	13·82
24th	3·16	4·33	9·63	Nom.	13·34
25th	4·12	4·66	9·63	Nom.	12·21
26th	5·14	4·33	8·92	6·19	12·21
27th	5·14		8·66	6·19	12·21
28th	5·14	4·50	8·66	6·52	11·89
29th	5·14	4·98	8·66	6.52	11·57
30th	5·67	5·14	7·85	Nom.	11·57
31st	5·67		7·85	8·81	Nom.
32nd	Nom.	No definite quotations available owing to the war.			
33rd	Nom.				
34th	Nom.				
35th			11·78	7·84	
36th			12·50	6·86	
37th			12 85	7·51	
38th	6·16		12·12	8·15	
39th			12·12	Nom.	
40th	8·14		12·12	Nom.	
41st	8·14		12·12	Nom.	
42nd	8·14		12·12	Nom.	
43rd	8·14		11·60	Nom.	
44th	8·35		11·78	17·30	
45th	10·66		Nom.	17·30	
46th	13·12		12 12	17·30	
47th	13·12		11 78	17·92	
48th	13·12		11·62	19·90	
49th	14·35		Nom.	19·90	
50th	14·63		Nom.	21·20	
51st	16·23		Nom.	24·59	
52nd	18·16		Nom.	32·35	

(Calculated in cents per bushel from quotations furnished through the courtesy of G.J.S. Broomhall).

SESSIONAL PAPER No. 19b

TRAMP Charter Rates on Wheat from Ports named to United Kingdom, high and low, per month, 1909–14, as reported at London.

TABLE No. 33.

Month.	Montreal.	New York and Philadelphia.	San Lorenzo.	Odessa.	Karachi.	Australia.
1909.						
January			10·62– 9·35	3·92–3·75	10·00	17·64
February			10·62– 8·46	4·65–3·92		17·28
March			10·08– 7·20	4·08–3·92		
April	5·06–4·87		11·52– 8·82	4·08		
May		3·75	11·52– 8·64		11·40–10·80	
June			10·98– 8·82		11·80–11·20	
July	4·87		10·17– 7·00	5·71–4·73	11·80–10·40	17·64–16·56
August	6·00		7·92– 5·88	5·88	11·20–10·80	
September			9·72– 6·48	5·55	12·00	18·54–18·36
October	6·37	5·25	9·54– 5·76		12·60–12·20	19·80–18·36
November		5·25	10·40– 7·20	4·57	12·10–11·60	19·80–19·40
December		5·25– 4·87	11·07– 8·46	5·22–4·82	12·80–11·80	19·62–18·72
1910.						
January			8·64– 7·92	5·71–5·06	13·20–12·40	19·44–18·72
February			8·28– 5·88	5·06–4·73	12·80–12·00	16·74–15·30
March			8·10– 5·58	5·55–4·57	12·00–11·20	16·20–14·76
April	4·87–4·68		6·84– 5·88	5·55–5·39	12·60–11·60	16·20–15·84
May			7·54– 5·04	5·55–3·92	11·60–10·80	
June			7·54– 6·48	4·08	9·20– 7·70	16·20
July			10·08– 6·48	5·22–4·41	12·00– 8·80	17·28–15·30
August		6·00– 5·62	10·44– 7·56	6·37–4·90	12·40–10·80	18·00–16·56
September		6·37– 6·00	9·99– 7·56	7·51–6·20	14·00–12·00	17·64–16·56
October		7·31	9·99– 7·38	7·51–7·18	13·60–12·80	19·26–18·72
November		7·12– 6·37	10·08– 7·65	6·04–5·22	12·90–12·00	18·72–18·36
December		7·12	10·08– 8·64	6·04–5·39	13·20–12·40	19·44
1911.						
January		6·18	9·36– 6·66	5·88–5·55	13·20–12·80	19·44–19·08
February		6·37– 6·00	7·20– 6·48	5·55–5·22	12·60–12·30	20·07–18·00
March		5·62	7·56– 6·48	5·55–4·90	12·40–12·00	19·44–17·82
April			7·74– 7·65	5·96–5·22	13·20–12·60	17·28
May			7·92– 7·74	5·88–5·55	14·50–12·40	19·08–17·28
June			7·56– 7·29	4·41	12·80–11·20	18·72–16·56
July			6·12	6·20–5·55	13·40–12·80	17·62
August			9·36– 7·02	6·53–5·55	13·60	19·44–18·36
September		6·37	10·44– 7·02	6·04–5·55	13·60–12·80	20·16–18·72
October		6·75	10·44– 9·72	6·86–6·20	14·40–13·00	
November			11·52–10·62	7·59–6·53	14·30–13·80	19·26–19·08
December		8·25– 8·06	11·16–10·17	7·35–6·86	14·60–13·80	21·60–20·70
1912.						
January		9·00– 8·62	12·96–11·52	7·51– 6·53	16·20–14·80	23·04–22·32
February		9·75– 9·37	14·76–12·24	8·00– 6·37	16·00–15·40	24·30–22·68
March		8·62	20·16–13·50		16·00–14·40	22·50–21·60
April		8·25	22·32–17·28	8·49	19·00–16·80	
May	9·00–8·62	9·00– 7·87	23·76–15·12	8·49	17·60–15·60	
June		9·00	19·08–12·96	6·53– 6·20	16·20–14·20	
July			15·12–11·28	6·53	17·20–15·80	21·60–20·70
August		9·75– 8·25	15·44–14·76	7·84– 7·18	17·20–16·00	23·40–20·70
September		12·00–10·50	23·58–16·20	11·59–11·43	19·00–16·40	
October		12·75–11·25	21·60–17·28	15·02–12·41	20·00–18·30	28·80
November		12·00–10·87	19·08–15·12	9·80– 6·53	18·80–15·20	33·30–28·80
December		10·50– 9·00	16·92–12·28	6·69– 6·53	15·20–13·20	31·14–30·60

TRAMP Charter Rates on Wheat from Ports named to United Kingdom, high and low, per month, 1909-14, as reported at London.—*Continued.*

TABLE No. 33—*Con.*

Month.	Montreal.	New York and Philadelphia.	San Lorenzo.	Odessa.	Karachi.	Australia.
1913.						
January		10·50– 9·00	18·72–16·56	8·16– 7·51	16·50–14·80	31·50–29·52
February	9·37	9·75– 9·00	20·16–17·28	7·18– 6·69	16·00–15·20	27·90–26·64
March	8·25	9·37– 7·87	17·64–14·04	6·53– 5·53	14·60–13·60	25·56–24·48
April	9·00– 8·25	8·12– 7·87	16·92–12·96	6·04– 5·39	14·80–13·20	23·76–23·04
May		8·25	14·22–11·34	6·04– 5·53	14·80–13·20	22·50
June	7·50		12·60–11·64	5·53– 5·08	14·00–13·00	23·04
July	9·00– 8·25	8·25– 7·12	14·40–11·16	7·02– 5·88	15·20–13·20	22·50
August	9·00– 8·25	8·43– 7·87	15·12–12·24	8·16– 7·02	15·30–14·40	
September	8·25– 7·50	7·50	13·32–10·08	8·33– 7·35	15·00–13·60	
October		7·12– 6·00	11·88– 9·09	7·35– 5·22	13·20–12·00	23·40–22·14
November		6·00– 5·62	11·16– 7·92	5·53– 5·08	10·80	22·68–20·88
December		5·62– 5·25	11·52– 8·64	5·53– 4·41	12·00–11·10	23·58–21·60
1914.						
January		5·25	11·16– 7·20	4·24– 3·92	11·60–10·40	22·86–18·90
February		4·50	10·08– 7·20	4·57– 3·92		18·00
March			10·40– 7·56	4·90– 4·57	11·60– 8·40	15.84–15·48
April	5·62		10·98– 9·00	4·41– 3·92	10·60– 7·20	15·48–15·30
May	6·37– 5·62	6·00– 5·81	9·36– 6·93	5·22– 4·08	11·60– 8·00	15·84–14·76
June	7·50– 5·62		10·40– 8·10	4·90– 3·92	11·20–10·80	12·76–12·60
July	8·25– 6·75	6·75– 5·87	10·40– 8·10	5·71– 4·08	10·10– 8·80	
August	6·37	10·87– 7·12	14·40–10·98	War.	14·80–13·20	Crop failure.
September	9·75– 5·62	7·50– 5·25	15·66– 8·64	"	14·80–13·60	
October	11·25– 9·00	8·25– 7·50	21·24–13·68	"	13·60–13·20	
November	17·25–15·00	18·00–12·75	22·68–18·36	"	13·60–13·40	
December		15·00–14·25	39·96–22·68	"	16·00	

(Calculated in cents per bushel from quotations furnished through courtesy of Comtelburo Daily Freight Register).

SESSIONAL PAPER No. 19b

Ocean Freight Rates on Wheat from Ports Named to United Kingdom, September to December, 1915. (In cents per bushel.)

Table No. 34

Week.	New York.	Karachi.	River Plate (down river.)	Australia.
Sept. 19	28	29·2	35·9	45·0
" 26	30	29·2	34·0	45·0
Oct. 3	40	30·3	44·1	48·2
" 10	40	30·3	39·4	48·2
" 17	40	30·3	42·5	54·7
" 24	40	30·9	47·2	61·1
" 31	40	41·0	52·4	61·1
Nov. 7	40	42·8	55·5	61·1
" 14	42	44·6	55·5	61·1
" 21	40	46·4	55·5	61·1
" 28	38	48·2	57·2	61·1
Dec. 5	38	50·0	71·8	61·1
" 12	38	50·0	73·4	61·1
" 19	40	57·1	76·8	61·1
" 26	40	57·1	76·8	61·1

(Calculated in cents per bushel from quotations furnished through the courtesy of G. J. S. Broomhall.)

TRAMP Charter Rates on Wheat from Ports named to United Gingdom, high and low per month, September to December, 1915. (In cents per bushel.)

TABLE No. 35.

Week.	Montreal.	New York, Philadelphia.	San Lorenzo.	Karachi.	Australia.
Sept. 19	30·7	28·5	36·9	28·6	48·2
" 26	33·2	31·7–30·2	41·8–37·0	28·6	48·2
Oct. 3	37·7–33·2	37·0–31·7	43·1	29·3	54·7
" 10	37·0	37·0–34·7	44·2–41·8	30·3	54·7
" 17	36·2	35·4	45·1–41·8	35·8–34·0	57·9
" 24	....	37·0–35·4	54·7–44·1	36·8–35·8	61·1–55·4
" 31	.....	39·0–37·4	56·3–49·8	42·9–41·0	61·1
Nov. 7	....	39·5–37·4	56·3–51·4	46·5–43·8	61·1
" 14	.....	40·5–39·0	53·4	46·5	61·1
" 21	.....	39·0	57·9–54·7	53·6	61·1
" 28	.....	40·5–37·4	63·5–56·3	50·0	61·1
Dec. 5	.....	40·5–39·8	73·9–62·6	51·9	61·1
" 12	....	40·5	75·5–70·7	53·6	61·1
" 19	.....	40·5	77·1–70·7	64·3	61·1

(Calculated in cents per bushel from quotations furnished through the courtesy of Comtelburo.)

SESSIONAL PAPER No. 19b

Number of Full Grain Cargoes Loaded at Philadelphia, Baltimore, Boston and New York.

Table No. 36.

Year.	Philadelphia.	Baltimore.	Boston.	New York.
1878	13	37		29
1879	47	96		64
1880	50	106		84
1881	22	67		55
1882	7	98		39
1883	46	152		24
1884	47	170		47
1885	49	121		28
1886	53	180		84
1887	89	84		115
1888	3	43		21
1889	18	107		23
1890	146	126		42
1891	58	108		187
1892	200	160		114
1893	30	64		86
1894	13	34		33
1895	12	14		73
1896	72	110		74
1897	175	277	2	163
1898	243	284		269
1899	158	161	2	61
1900	179	110	6	41
1901	59	101	2	11
1902	8	18	8	5
1903	18	31	2	11
1904		4		
1905	18	27		
1906	44	31		
1907	32	31		
1908	42	5		
1909	13	11		
1910	1	11		
1911	14	17		4
1912	36	58		24
1913	34	129		20
1914	29	156		74
1915 to March 31st	33	145		86

Furnished by Frank L. Neall, Manager Consolidated News, Statistics, and Transportation Bureau, Philadelphia, as shown by records of Peter Wright and Sons, etc.

Note.—April 3, 1915—For a number of years there were no oats shipped in full cargoes from United States, say until about 1890. During a considerable portion of the period, records were only kept of shipments of *Wheat and Corn* in full cargoes, and subsequently, oats were added. No records for many years were kept of shipments from Philadelphia of Rye, Barley and Flaxseed. The foregoing is probably as correct a statement of number of vessels loading full cargoes of grain at the respective ports as it is practicable to prepare, and they embrace substance of statements furnished at various Differential Hearings and also in connection with Advisory Board of 1881, and prior to that time, Statistics that were periodically submitted to Penna. R. R. and used by that company in their negotiations and current arrangements with the other Trunk Line Railroads, all of which were compiled by Peter Wright & Sons, Philadelphia.

Bank Returns in Canada.

STATEMENT Showing Total Assets, Current Loans in Canada, Current Loans Elsewhere than in Canada, Call and Short Loans Elsewhere than in Canada, With Percentage of Same as to Assets.

TABLE No. 37.

Month.	Assets.	Current Loans in Canada.		Current Loans Elsewhere than in Canada.		Call and Short Loans Elsewhere Than in Canada.	
	Total.	Total.	Percentage.	Total.	Percentage.	Total.	Percentage.
1909.	$	$		$		$	
January	982,870,666	511,363,250	52·02	30,586,081	3·11	92,532,507	9·42
February	990,340,614	507,349,748	51·22	35,055,266	3·53	101,443,902	10·24
March	1,018,390,211	520,109,936	51·07	34,915,132	3·43	117,850,605	11·55
April	1,025,015,613	524,168,988	51·13	35,874,530	3·50	114,493,570	11·15
May	1,044,020,533	528,313,141	50·60	34,487,649	3·30	124,877,955	11·95
June	1,053,271,919	535,212,269	50·81	33,403,171	3·17	115,254,868	10·95
July	1,055,889,054	539,821,041	51·12	32,753,385	3·10	114,685,537	10 86
August	1,079,284,640	543,154,663	50·32	30,661,437	2·84	120,659,509	11·15
September	1,107,371,570	560,206,621	50·58	32,981,183	2·98	131,634,384	11·88
October	1,133,986,560	579,837,956	51·13	37,311,103	3·30	129,964,353	11·46
November	1,155,865,400	590,291,944	51·07	35,358,214	3·06	134,836,591	11·67
December	1,157,783,629	592,741,812	51·10	40,072,793	3·46	138,505,379	11·96
1910.							
January	1,149,364,437	590,984,344	51·41	37,865,549	3·29	127,934,880	11·12
February	1,148,314,380	602,454,539	52·46	42,403,784	3·70	120,374,681	10·78
March	1,185,370,171	624,550,051	52·70	40,719,679	3·43	130,194,540	10·98
April	1,182,850,969	638,247,238	54·00	38,636,636	3·27	122,359,531	10·34
May	1,205,991,218	643,246,518	53·33	38,014,462	3·15	125,480,266	10·41
June	1,230,825,305	649,145,920	52·74	38,171,443	3·10	130,173,902	10·56
July	1,210,854,680	653,008,336	53·92	40,267,390	3·33	102,436,037	8·26
August	1,223,449,771	657,813,770	53·76	38,609,568	3·15	100,447,288	8·21
September	1,256,059,591	668,976,522	53·25	40,190,240	3·20	103,534,884	8·24
October	1,260,755,709	679,820,039	53·88	41,269,126	3·27	103,279.774	8·20
November	1,253,801,121	677,617,478	54·04	42,396,585	3·38	96,404,136	7·69
December	1,229,790,859	677,664,829	55·05	40,400,839	3·26	90,710,437	7·38
1911.							
January	1,211,259,062	682,506,695	56·34	38,362,549	3·17	83,796,665	6·92
February	1,221,704,694	689,234,781	56·41	37,699,221	3·09	85,420,046	6·99
March	1,243,233,782	710,604,072	57·06	35,512,495	2·86	85,250,789	6·86
April	1,246,746,415	712,032,758	57·14	33,783,963	2·71	84,535,658	6·79
May	1,270,914,407	708,093,677	55·71	33,918,314	2·67	88,745,080	6·98
June	1,302,131,886	717,869,386	55·13	33,557,617	2·58	97,865,400	7·51
July	1,316,101,042	723,765,358	54·99	32,890,114	2·50	104,009,030	7·91
August	1,322,162,028	734,683,962	55·56	33,689,196	2·55	101,713,820	7·70
September	1,342,917,913	749,007,607	55·78	35,587,127	2·65	93,517,076	6·96
October	1,381,280,989	768,492,008	55·63	36,962,543	2·67	88,722,640	6·42
November	1,389,053,388	770,356,419	55·45	38,991,698	2·81	87,489,665	6·30
December	1,390,069,518	774,909,172	55·74	37,970,839	2·73	92,106,695	6·62
1912.							
January	1,363,535,778	775,972,243	56·90	37,118,081	2·72	80,871,118	5·94
February	1,383,835.613	793,853.547	57·36	35,946,475	2·60	88,589,472	6 40
March	1,414,858,991	815,948,308	57·74	34,209,383	2·41	94,667,027	6·70
April	1,439,425,966	833,242,621	57·88	31,469,847	2·15	103,558,392	7·20
May	1,474,715,460	837,282,550	56·77	33,478,564	2·27	115,832,736	7·86
June	1,490,443,071	848,940,089	56·95	34,254,568	2·30	120,569,812	8·09
July	1,496,623,543	852,256,651	56·94	35,741,998	2·39	117,961,437	7·89
August	1,501,817,795	852,045,624	56·73	37,846,222	2·52	114,847,864	7·64
September	1,509,255,749	859,341.193	56·93	39,440,472	2·61	112,767,036	7·48
October	1,521,105,096	879,676,655	57·83	41,300,588	2·71	101,186,983	6·65
November	1,519,087,516	874,721,593	57·51	40,925,744	2·69	101,812,858	6·70
December	1,526,081,158	881,331,981	57·75	40,990,126	2·68	105,952,101	6·94

SESSIONAL PAPER No. 19b

STATEMENT Showing Total Assets, Current Loans in Canada, Current Loans Elsewhere than in Canada, Call and Short Loans Elsewhere than in Canada, With Percentage of Same as to Assets—*Con.*

TABLE No. 37 (*Con.*)

Month.	Assets.	Current Loans in Canada.		Current Loans Elsewhere Than in Canada.		Call and Short Loans Elsewhere Than in Canada.	
	Total.	Total.	Percentage.	Total.	Percentage.	Total.	Percentage.
1913.	$	$		$		$	
January	1,485,457,458	874,705,616	58·88	40,098,146	2·70	92,387,847	6·22
February	1,491,553,448	882,112,726	59·14	37,673,798	2·53	95,229,407	6·38
March	1,514,512,523	890,513,446	58·87	38,277,672	2·53	109,227,927	7·22
April	1,527,088,246	898,964,181	58·86	36,310,033	2·38	103,212,185	6·76
May	1,521,841,373	898,959,650	59·07	37,691,786	2 48	96,151,209	6·32
June	1,521,354,957	899,260,009	59·10	36,894,681	2·42	89,363,520	5·87
July	1,519,517,013	901,550,453	59·33	42,960,513	2·83	89,266,235	5·87
August	1,526,196,397	899,132,894	58·91	46,339,928	3·04	90,041,292	5·90
September	1,554,082,031	903,717,013	58·15	46,402,913	2·99	86,639,411	5·58
October	1,575,550,980	900,159,736	57·18	58,171,884	3·69	93,346,810	5·92
November	1,572,706,191	865,888,832	55·05	55,819,280	3·55	122,380,863	7·78
December	1,551,263,432	852,906,548	55·00	58,305,388	3·76	115,984,680	7·47
1914.							
January	1,499,392,966	840,883,750	56·07	56,051,465	3·74	108,776,770	7·26
February	1,535,980,490	842,084,073	54·82	56,052,837	3·65	141,143,442	9·20
March	1,546,622,640	855,381,265	55·30	53,279,411	3·45	145,218,223	9·40
April	1,557,828,425	865,873,876	55·58	54,362,513	3·49	139,937,027	8·98
May	1,545,890,003	872,152,263	56·00	51,812,875	3·35	129,897,328	8·40
June	1,575,307,596	875,536,999	55·57	46,186,854	2·93	137,120,167	8·71
July	1,568,174,983	876,570,959	55·25	48,013,052	3·06	125,545,287	8·00
August	1,566,058,430	876,238,633	55·95	47,314,832	3·02	96,495,473	6·16
September	1,577,927,202	870,853,494	55·19	41,347,231	2·62	89,521,589	5·68
October	1,577,919,069	863,939,928	54·75	42,040,716	2·67	81,201,671	5·15
November	1,561,458,119	836,975,275	53·73	42,966,275	2·75	74,459,643	4·77
December	1,555,556,815	824,291,325	52·99	43,413,760	2·79	85,012,964	5·47
1915.							
January	1,521,319,168	806,071,716	52·98	43,987,270	2 89	85,796,641	5·64
February	1,525,052,085	810,073,111	53·11	43,661,379	2·82	89,890,982	5·89
March	1,545,723,564	810,366,382	52·42	41,745,737	2·71	101,938,685	6·60
April	1,564,103,718	805,963,211	51·52	37,705,039	2·41	121,522,971	7·77
May	1,568,792,400	804,579,549	51·28	36,375,658	2·32	136,098,835	8·67
June	1,574,210,941	806,823,970	51.25	39,273,120	2·49	124,604,875	7·92
July	1,558,870,279	802,378,963	51·47	41,784,633	2·68	117,821,174	7·56
August	1,585,338,230	804,363,465	50 73	44,968,445	2·84	120,607,677	7·61
September	1,616,241,728	815,015,088	50·42	49,147,877	3·04	135,108,412	8·36
October	1,657,256,962	826,467,984	49·86	49,612,985	2·99	120,681,624	7·28
November	1,702,194,396	818,227,113	48·09	53,240,955	3·13	135,530,562	7·96
December	1,737,992,244	806,395,975	46 39	58,479,739	3·37	137,157,869	7·89

Compiled from the return made to the Minister of Finance.

NOTE.—Current loans in Canada include loans to cities, towns, municipalities and school districts.

STATEMENT showing Total Liabilities to the Public, Demand Deposits, Notice Deposits, with Percentage of same as to Assets, also Capital paid-up, and

TABLE No. 38.

Month.	Liabilities, other than to Shareholders.		Deposits (Canada.)		Deposits Payable on Demand in Canada.	
	Total.	Percentage of Resources.	Total.	Percentage of Resources.	Total.	Percentage of Resources.
1909.	$		$		$	
January	802,163,124	81·61	636,456,997	64·87	193,286,465	19·67
February	810,614,036	81·85	634,359,076	64·03	192,968,536	19·48
March	833,461,485	81·84	646,470,868	63·45	200,843,984	19·65
April	841,095,530	82·05	659,489,753	64·10	207,039,031	20·20
May	861,029,144	82 47	670,515,411	64·19	216,916,294	20·77
June	870,192,322	82·61	681,658,944	64·67	226,480,468	21·45
July	872,752,042	82·65	688,893,569	65·28	222,555,749	21·08
August	893,718,708	82 71	700,989,497	64·93	228,397,679	21·15
September	920,677,323	83·14	714,070,851	64·40	239,967,052	21·60
October	945,899,101	83·41	731,806,093	64·60	250,968,487	22 15
November	968,603,603	83·79	757,539,626	65·60	264,285,803	22·90
December	970,976,157	83·86	760,350,411	65·75	261,268,387	22·60
1910.						
January	962,026,478	83·70	746,631,589	65·00	238,423,785	20·76
February	959,197,201	83·53	744,005,720	64·80	236,697,987	20·61
March	995,789,764	84·17	762,834,288	64·35	247,562,171	20·87
April	993,105,845	83·95	768,173.252	64·94	246,747,180	20·85
May	1,015,631,890	84·21	781,332,614	64·78	256,651,635	21·25
June	1,040,324,464	84·52	797,849,593	64·82	263,417,539	21·40
July	1,017,868,152	84·06	790,022,893	65·24	251,638,522	20·79
August	1,029,291,389	84·13	801,970,624	65·63	256,613,172	20·95
September	1,060,372,949	84·42	819,160,128	65·21	273,529,461	21·65
October	1,063,182,955	84·32	829,855,337	65·81	280,838,612	22·28
November	1,057,264,492	84·32	840,872,860	67·06	289,759,025	23·09
December	1,036,075,636	84·24	825,131,405	67·09	280,910,695	22·86
1911.						
January	1,015,674,786	83·85	819,852,959	67·68	270,178,480	22·31
February	1,024,214,806	83·83	819,784,876	67·10	268,360,503	21·99
March	1,043,363,178	83·91	831,204,258	66 85	278,171,792	22·34
April	1,046,506,776	83·93	837,787,299	67·19	281,964,369	22·62
May	1,070,651,050	84·24	560,993,354	67·74	298.784,206	23·50
June	1,101,875,234	84·62	874,672,408	67·17	309,804,854	23·79
July	1,111,465,564	84·45	887,763,215	67·34	316,973,780	24·03
August	1,113,599,921	84·22	886,852,624	67·08	311,111,668	23·55
September	1,132,237,607	84·31	891,175,938	66·36	313,584,893	23·34
October	1,164,586,063	84·31	918,404,607	66·49	331,953,562	24·05
November	1,173,438,296	84·47	930,654,407	66·99	341,712,265	24·63
December	1,174,323,431	84·47	926,089,625	66·62	335,020,693	24·11
1912.						
January	1,143,668,583	83·87	913,784,136	67·01	316,936,962	23·25
February	1,160,516,994	83·86	921,405,082	66·58	321,152,954	23·21
March	1,188,720,177	84·01	937,941,170	66·22	331,896,238	23·42
April	1,211,160,889	84 14	960,735,531	66·74	345,365,183	23·98
May	1,247,306,724	84 57	1,002,247,561	67 96	376,953,217	25·56
June	1,262,641,353	84·71	1,004,817,876	67·41	373,500,189	25·06
July	1,264,541,837	84·49	1,012,604,839	67 65	372,012,494	24·85
August	1,266,956,600	84 36	1,004,239,021	66·86	360,575,425	24·02
September	1,272,617,505	84·32	1,014,905,569	67·24	374,368,917	24·78
October	1,283,211,402	84·36	1,022,912,500	67·31	383,814,572	25·20
November	1,287,699,051	84 76	1,012,640,075	67·62	376,829,372	24·80
December	1,292,451,137	84·69	1,012,418,580	66·31	379,777,219	24·88

SESSIONAL PAPER No. 19b

Total Deposits in Canada, Deposits Elsewhere than in Canada, Notes in Circulation, amount of Rest or Reserved Fund, 1909 to 1915.

Deposits Payable on Notice in Canada.		Deposits elsewhere than in Canada.		Notes in Circulation.		Capital Paid Up.	Amount of Rest or Reserve Fund
Total.	Percentage of Resources.	Total.	Percentage of Resources.	Total.	Percentage of Resources.	Total.	Total.
$		$		$		$	$
443,170,532	45·20	56,593,146	5·75	73,420,881	7·48	96,536,987	74,585,185
448,390,540	44·55	65,333,998	6·60	68,061,816	6 87	96,160,555	74,489,942
445,626,884	43·80	73,951,501	7·26	70,831,560	6·95	97,011,614	75,328,293
450,450,722	43·90	73,578,818	7·20	73,392,140	7·15	97,149,528	75,607,676
453,599,117	43·42	76,409,638	7·32	70,894,967	6·78	97,334,478	75,755,488
455,178,476	43·22	69,249,984	6·58	72,162,542	6·84	97,436,424	75,824,738
466,337,816	44·20	64,515,365	6·13	73,731,353	6·98	97,487,871	75,847,368
472,591,818	43·78	70,807,662	6·56	74,328,748	6·89	97,540,424	75,888,103
474,103,799	42·80	76,556,786	6·91	81,760,000	7·38	97,596,901	75,937,663
480,837,606	42·45	75,544,887	6·58	90,729,430	8·01	97,842,330	76,172,223
493,253,823	42 70	71,835,583	6·22	92,223,169	7·98	98,046,270	77,368,333
499,082,024	43·15	75,088,498	6·48	89,506,794	7·73	97,808,617	77,847,333
508,207,804	44·24	83,368,219	7·25	80,974,584	7·05	97,936,700	78,449,573
507,397,733	44·19	73,944,685	6·44	75,782,649	6·60	97,773,850	78,521,946
515,272,117	45·48	85,948,201	7·25	80,901,913	6·81	97,831,709	78,569,586
521,427,072	44·09	76,600,041	6·48	82,101,100	6·94	97,917,434	78,846,070
524,680,979	43·53	80,489,233	6·68	81,419,561	6·76	98,315,012	79,254,915
534,432,054	43·40	85,017,152	6·90	81,538,916	6·62	98,728,342	79,370,321
538,384,371	44·45	75,275,300	6·22	84,009,142	6·94	98,803,464	79,429,978
545,357,452	44·68	78,815,399	6·45	84,684,449	6·74	99,199,870	79,823,679
545,630,667	43·56	87,392,099	6·92	89,916,207	7·12	99,490,249	80,089,471
549,016,725	43·53	74,355,783	5·90	96,950,510	7·61	99,642,053	80,157,791
551,113,835	43·97	69,561,539	5·55	99,223,604	7·90	100,140,477	83,164,948
544,220,710	44·23	70,574,871	5·74	94,783,437	7·64	99,676,093	83,965,869
549,774,479	45·37	66,106,224	5·46	86,301,933	7·12	100,243,974	84,356,108
551,424,373	45·11	68,296,758	5·60	81,577,448	6·67	100,451,997	85,566,633
553,032,466	44·51	72,052,067	5·80	85,779,995	6 90	100,441,842	84,891,710
555,822,930	44·58	69,062,268	5·54	89,796,521	7·21	100,648,717	85,213,740
562,209,148	44 24	69,442,818	5·47	87,034,175	6·85	100,892,791	86,690,829
564,867,554	43·38	77,721,948	5·97	90,202,838	6·93	101,065,306	86,943,135
570,789,435	43 31	73,120,807	5·56	93,273,205	7·09	102,626,496	88,352,064
575,740,956	43·53	71,840,723	5·43	94,334,041	7·12	103,716,960	89,324,728
577,591,045	43·02	78,887,510	5·87	99,768,830	7·42	104,392,280	90,181,949
586,451,045	42 44	73,482,197	5·32	107,408,361	7·78	106,163,549	93,418,824
588,942,142	42·39	73,264,439	5·28	111,943,580	8·06	107,472,558	95,699,232
591,068,932	42·51	80,606,925	5·80	110,209,196	7·94	107,994,604	96,868,124
596,847,174	43·76	77,049,762	5·65	101,466,102	7·44	109,418,334	98,101,595
600,252,128	43·36	81,397,599	5·88	93,259,141	6·74	110,448,244	98,721,502
606,044,932	42·80	84,737,024	5·99	97,653,360	6·90	111,172,899	99,234,481
615,370,348	42·76	85,679,238	5·95	101,857,750	7 08	112,038,900	100,638,290
625,294,344	42·40	77,874,540	5·27	100,557,161	6·82	112,339,939	100,878,848
631,317,687	42·35	82,067,093	5·51	103,295,602	6·94	112,588,537	101,031,186
640,592,345	42·80	77,838,807	5·20	105,188,187	7·04	113,410,732	101,735,482
643,663,596	42·84	78,147,556	5·22	104,399,647	6·95	114,098,525	102,751,441
640,536,652	42·46	81,953,710	5·41	106,875,414	7·08	113,694,638	104,301,411
640,097,928	42 11	78,518,407	5·16	113,530,301	7·46	114,134,182	104,639,396
635,810,703	41·82	81,338,648	5·36	119,856,647	7·90	114,544,475	106,212,072
637,641,340	41·46	87,050,132	5·71	120,035,377	7·86	114,881,914	106,840,007

STATEMENT showing Total Liabilities to the Public, Demand Deposits, Notice Deposits, with Percentage of same as to assets, also Capital paid-up and

TABLE No. 38—*Con.*

Month.	Liabilities.		Deposits (Canada.)		Deposits Payable on Demand in Canada.	
	Total.	Percentage of Resources.	Total.	Percentage of Resources.	Total.	Percentage of Resources.
1913.	$		$		$	
January	1,247,586,414	83·98	989,519,020	66·61	354,518,964	23·87
February	1,252,269,981	83·95	980,129,348	65·71	349,661,830	23·43
March	1,272,238,689	84·00	988,191,367	65·24	357,756,659	23·63
April	1,285,071,059	84·15	996,500,282	65·11	365,340,002	23·87
May	1,281,729,097	84·22	994,915,245	65·37	364,159,642	23·90
June	1,280,170,221	84·14	985,698,897	64·79	362,769,928	23·82
July	1,275,297,267	83·92	977,932,584	64·32	356,585,196	23·46
August	1,279,611,609	83·77	977,351,772	64·03	358,321,925	23·47
September	1,306,715,560	84·08	1,002,987,098	64·53	381,737,513	24·56
October	1,328,497,371	84·31	1,011,367,714	64·19	389,856,507	24·75
November	1,330,526,282	84·60	1,010,289,196	64·23	384,486,046	24·44
December	1,308,756,866	84·36	1,006,067,835	64·88	381,375,509	24·60
1914.						
January	1,255,440,559	83·72	974,947,204	65·02	339,811,339	22·68
February	1,289,216,072	83·93	978,443,725	63·65	337,516,595	21·97
March	1,299,017,586	83·99	991,734,246	64·05	345,590,642	22·33
April	1,311,668,638	84·19	1,004,195,216	64·46	350,515,993	22·51
May	1,301,012,035	84·15	1,004,694,241	65·06	340,748,488	22·10
June	1,330,488,767	84·45	1,018,656,459	64·66	355,006,229	22·54
July	1,323,252,452	84·31	1,018,068,176	64·96	346,854,051	22·11
August	1,317,169,146	84·10	998,383,569	63·75	338,984,418	21·62
September	1,328,255,074	84·17	1,006,685,707	63·79	348,284,206	22·04
October	1,328,854,020	84·21	1,008,539,512	63·91	348,732,830	22·10
November	1,320,307,465	84·42	1,016,879,005	65·12	350,884,153	22·47
December	1,314,646,254	84·51	1,012,739,990	65·10	349,909,953	22·48
1915.						
January	1,278,492,520	84·03	996,877,212	65·52	329,916,730	21·67
February	1,281,079,445	84·00	1,002,503,792	65·73	331,415,179	21·72
March	1,300,863,637	84·15	1,016,390,076	65·75	339,514,286	21·96
April	1,321,638,542	84·49	1,033,401,061	66·06	347,325,937	22·21
May	1,327,453,565	84·61	1,039,237,406	66·24	347,346,119	22·17
June	1,332,398,402	84·63	1,032,818,783	65·60	349,057,351	22·18
July	1,316,311,503	84·44	1,032,681,934	66·24	340,950,215	21·88
August	1,340,101,608	84·53	1,026,602,800	64·75	334,022,174	21·07
September	1,369,362,811	84·72	1,052,655,131	65·12	359,315,280	22·25
October	1,413,362,832	85·28	1,093,379,043	65·98	392,042,193	23·68
November	1,463,200,922	85·95	1,120,954,457	65·85	406,735,171	23·89
December	1,499,283,690	86·26	1,144,680,651	65·86	423,690,384	24·39

Compiled from the return made to the Minister of Finance.

SESSIONAL PAPER No. 19b

Total Deposits in Canada, Deposits Elsewhere than in Canada, Notes in Circulation, amount of Rest or Reserved Fund, 1909 to 1915—*Continued.*

Deposits Payable on Notice in Canada.		Deposits elsewhere than in Canada.		Notes in Circulation.		Capital Paid Up.	Amount of Rest or Reserve Fund
Total.	Percentage of Resources.	Total.	Percentage of Resources.	Total.	Percentage of Resources.	Total.	Total.
$		$		$		$	$
635,000,056	42·74	83,284,404	5·61	109,777,660	7·39	115,327,032	107,200,548
630,467,518	42·28	91,868,886	6·15	101,211,345	6·79	115,820,316	107,514,405
630,434,708	41·61	97,869,303	6 45	107,525.837	7·11	116,316,456	107,903,491
631,160,280	41·24	103,925,361	6·80	105,954,440	6·94	115,799,217	108,414,337
630,755,603	41·47	97,935,216	6·44	104,967,124	6·90	115,969,433	108,681,230
622,928,969	40·97	104,285,782	6·86	108,122,567	7·12	116,191,087	108,732,561
621,347,388	40·86	86,600,194	5·70	108,178,424	7·13	116,520,153	108,959,833
619,032,847	40·56	97,003,605	6·36	109,453,210	7·18	116,818,251	109,194,211
621,249,585	39·97	95,941,227	6·17	114,032,133	7·34	116,981,209	109,358,445
621,511,207	39 44	100,892,180	6·41	124,201,527	7·89	117,341,476	109,624,776
625,803,150	39·79	107,323,009	6 82	126,839,620	8·06	117,678,123	111,850,862
624,692,326	40·28	103,403,085	6·67	122,235,196	7·88	114,809,297	112,118,016
635,135,955	42·34	95,342,345	6·36	111,134,172	7·41	114,936,258	112,401,141
640,927,130	41·68	119,556,649	7·79	99,862,232	6·49	115,084,818	112,679,074
646,143,604	41·72	114,523,736	7·41	100,601,004	6·51	115,133,687	112,706,350
653,679,223	41·95	113,403,809	7·35	103.303,692	6·64	115,173,655	113,287,200
663,945,753	42·96	95,392,439	6·16	99,890,163	6·46	114,783,488	113,346,113
663,650,230	42·12	103,061,603	6·54	101,180,667	6·42	114,811,775	113,368,898
671,214,125	42·85	95,873,092	6·11	103,238,177	6·58	114,833,877	113,381,526
659,399,151	42·13	95,754,821	6·12	115,304,287	7·46	114,837,227	113,382,911
658,401,501	41·75	100,981,564	6·40	124,618,121	7·90	114,843,582	113,385,761
659,806,682	41·81	90,866,894	5·76	128,451,315	8·14	114,852.645	113,392,374
665,994,852	42·65	91,278,495	5·84	124,620,870	7·98	113,909,750	113,165,307
662,830,037	42·62	98,901,413	6·36	117,154,696	7·67	113,916,913	113,070,859
666,960,482	43·85	91,807,007	6·04	107,476,852	7·06	113,975,538	113,227,654
671,088,613	44·01	92,092,034	6·04	99,037,728	6·49	113,976,736	113,227,654
676,875,790	44·79	97,737,998	6·32	100,764,584	6·52	113,978,472	113,227,654
686,075,124	43·85	104,210,620	6·66	103,842,430	6·64	113,980,036	113,327,654
691,891,287	44·07	96,912,047	6·18	102,072.374	6·51	113,982,653	113,060,988
683,761,432	43·42	112,242,504	7·13	103,166,744	6·55	113,984,389	113,060,988
691,731,719	44·37	98,762,226	6·33	104,166,355	6·69	113,984,389	113,060,988
692,580,626	43·68	128,109,996	8·08	102,866,674	6·49	113,984,747	113,060,988
693,339,851	42 87	128,271,771	7·94	108,917,398	6·74	113,984,870	113,061,008
701,336,850	42 30	111,236,345	6·71	123.204,784	7·44	113,986,106	112,752,333
714,219,286	41·96	132,029.108	7·76	130,400,298	7·66	113,987,275	112,718,473
720,990,267	41·47	134,650,183	7 75	132,680,244	7·64	113,987,577	112,457,333

Eastern and Western Bank Clearings with totals, Monthly, 1909-1914.

Table No. 39.

Month.	Eastern.	Western.	Total.
1909.	$	$	$
January	299,606,342	81,512,373	331,118,715
February	259,753,562	71,098,926	330,852,488
March	289,951,960	86,340,911	376,292,871
April	293,443,439	90,427,717	383,871,156
May	309,958,662	92,715,975	402,674,637
June	343,319,204	90,535,254	433,854,458
July	349,626,140	92,178,175	441,804,315
August	298,763,506	90,243,636	389,007,142
September	307,399,643	108,274,360	415,674,003
October	373,277,342	153,471,420	526,748,762
November	391,546,831	179,143,595	570,690,426
December	394,266,656	158,099,724	552,366,380
Total	3,910,913,287	1,294,042,066	5,204,955,353
1910.			
January	363,658,646	124,627,291	488,285,937
February	303,515,224	104,532,814	408,048,038
March	352,281,034	121,929,385	474,210,419
April	352,753,090	139,424,845	492,177,935
May	340,981,682	137,214,852	478,196,534
June	360,519,902	140,642,031	501,161,933
July	385,619,367	151,488,523	537,107,890
August	343,372,614	143,241,669	486,614,283
September	357,222,421	152,102,127	509,324,548
October	382,828,641	182,668,334	565,496,975
November	407,158,793	222,295,039	629,453,832
December	392,106,004	192,497,259	584,603,263
Total	4,342,017,418	1,812,664,169	6,154,681,587
1911.			
January	377,573,374	155,686,098	533,259,472
February	337,572,293	140,849,180	478,421,473
March	401,883,033	175,269,849	577,152,882
April	381,001,669	174,686,406	555,688,075
May	437,800,429	205,485,478	643,285,907
June	415,747,349	189,171,071	604,918,420
July	430,725,854	195,428,724	626,154,578
August	401,164,613	197,964,309	599,128,922
September	375,801,529	192,346,146	568,147,675
October	437,309,128	245,114,502	682,423,630
November	501,413,874	298,078,438	799,492,312
December	459,501,575	263,793,286	723,294,861
Total	4,957,494,720	2,433,873,487	7,391,368,207
1912.			
January	454,316,984	230,638,523	684,955,507
February	397,646,030	217,165,784	614,811,814
March	419,131,027	236,277,773	655,408,800
April	466,234,690	248,484,560	714,719,250
May	531,959,082	287,570,552	819,529,634
June	506,752,061	262,767,151	769,519,212
July	550,128,979	256,728,804	806,857,783
August	495,813,807	254,354,262	750,168,069
September	458,089,177	250,009,323	708,098,500
October	562,489,293	316,428,931	878,918,224
November	527,676,001	373,270,404	900,946,405
December	510,259,503	330,006,063	840,265,566
Total	5,889,496,634	3,263,702,130	9,144,198,764

SESSIONAL PAPER No. 19b

Eastern and Western Bank Clearings with totals, Monthly, 1909-1914—*Con.*

Table No. 39—*Con*

Month.	Eastern.	Western.	Total.
1913.	$	$	$
January	522,463,601	281,901,550	804,365,151
February	435,771,068	239,131,746	674,902,814
March	442,471,124	231,600,270	674,071,394
April	494,439,344	262,239,392	756,678,736
May	510,480,620	290,054,322	800,534,942
June	489,890,202	257,432,455	747,322,657
July	500,949,016	261,749,660	762,698,676
August	459,060,464	226,327,898	685,388,362
September	484,720,425	256,586,153	741,306,578
October	547,317,112	345,327,235	892,644,347
November	504,153,162	359,126,147	863,279,309
December	531,323,326	317,682,997	849,006,323
Total	5,923,039,464	3,329,159,825	9,252,199,289
1914.			
January	479,841,159	232,559,837	712,400,996
February	432,560,521	175,410,386	607,970,907
March	444,785,233	199,793,884	644,579,117
April	475,784,670	208,952,437	684,737,107
May	484,478,220	230,630,412	715,108,632
June	487,919,461	226,777,166	714,696,627
July	544,017,293	223,949,051	767,966,344
August	402,101,973	181,841,139	583,943,112
September	416,456,742	218,224,358	634,681,100
October	462,470,392	260,750,788	723,221,180
November	418,818,249	238,355,709	657,173,958
December	424,219,175	199,455,600	623,674,775
Total	5,473,453,088	2,596,700,767	8,070,153,855

Compiled from the Clearing House returns.

PRECIS INDEX OF HANSARD DEBATES OF THE HOUSE OF COMMONS AND THE SENATE ON THE GEORGIAN BAY SHIP CANAL, 1902-13.

HOUSE OF COMMONS, "HANSARD DEBATES."

(Compiled for the Georgian Bay Canal Commission, by Henri Roy, Librarian of the Department of the Secretary of State.)

1912-13.

Question by Mr. MURPHY.—P. 1154, Dec. 16, 1912.
Bill 45, Mr. WHITE (Renfrew).—P. 1266, Dec. 17, 1912; 2nd reading, p. 1448, Jan. 14, 1913.
Bill 45, Debates on 3rd reading.—The amendment is to increase the bonding power from $100,000,000 to $175,000,000, p. 2591, February 3, 1913.
Resolution by E. B. DEVLIN.—P. 2622, Feb. 3, 1913; p. 3074, Feb. 11, 1913; Senate amendments.—P. 3741, Feb. 20, 1913.

1911-12.

Question by Mr. LEMIEUX.—P. 544, Nov. 29, 1911.
Bill 30, Mr. WHITE (Renfrew).—1st reading, p. 795, Dec. 5, 1911; 2nd reading, p. 1122, Jan. 12, 1912; 3rd reading, p. 4699, March 8, 1912.
Questions by Mr. DEVLIN on Government Policy.—P. 3060, Feb. 14, 1912; p. 1970, Jan. 26, 1912; p. 6785, April 1, 1912.
Question by Mr. MURPHY, French River, vote of $100,000.—See p. 6657, March 29, 1912.
Question by Mr. DEVLIN.—P. 6729, March 30, 1912.

1910-11.

Mr. GERMAN (Welland).—Reads part of a *Globe* article, asks if $3,000,000 is to be placed in the estimates, p. 2261.
Hon. G. P. GRAHAM.—Would not be disappointed to see both the Georgian Bay and Welland canals started, p. 2261.
Enquiry by G. V. WHITE.—Calls attention to an item in the *Montreal Star* and *Ottawa Citizen;* reads it, p. 2004-5.
Question by Hon. F. D. MONK.—If Americans will be entitled to its use, and answered by Hon. Aylesworth, p. 7804.

1909-10.

Bill 58, Mr. MCGIVERN.—1st reading, p. 1099; 2nd reading, p. 1333; 3rd readings and committee, p. 2258.
Mr. WHITE.—Debates *re* construction, and giving statistics of water development of waterways in Europe, etc., etc.
Mr. WHITE.—Inquiries, p. 6616, *re* Return.
Mr. PUGSLEY.—Laid on table Return to an order dated Feb. 14, 1910; moved by Mr. WHITE, p. 8734.

1909.

Final Report, with plans, estimates of cost, and fifty-six plates.
Statement of Mr. GRAHAM *re* Enlargements of Welland canal, p. 6415.
Inquiries as to government knowledge of a round-robin promulgated by lobbyists for a guarantee of the company's bonds, page 6415.

SESSIONAL PAPER No. 19b

1907-8.

Bill 47, Mr. STEWART.—1st reading, p. 891; 2nd reading, p. 1059; committee, pp. 3622, 3794, 4230; 3rd reading, p. 4230.

GRAHAM, Geo. P.—Reads clause in Bill safeguarding the rights of the Government, p. 3802.

HAGGART, John.—Provisions for safeguarding the Government, pp. 3803-4. Personnel of the company promoting their charter, p. 3804. Canals built by companies, p. 3805.

LANCASTER E. A.—Should have full information as to cost of work done by company before granting a renewal of charter, p. 3802. Not sure it would be the best thing in the interest of the country, p. 5239. Splendid system of canals in operation, except in depth and size of locks, p. 5240. Reads a memorandum from the St. Catharines Board of Trade, p. 5241. Not in favour of involving the country in such enormous expenditures, p. 5242.

LENNOX, H.—Inquiries as to the amount expended by company up to the present time, p. 3794.

MONK, F. D.—A gigantic work; should be no further delay, p. 3794. Sooner or later this work must be undertaken by the Government, p. 3798 Failure of the Government to declare their policy should not interfere with extension of a charter of a private company, p. 3799.

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CARON, J. B. T.—The effect of canal transportation on freight rates, p. 2005. Whenever canals have come into competition with railroads they have proved better controllers of rates, p. 2006. The estimates cost a little under $100,000,000, p. 2007. A comparison of distances. Hon. Mr. Stevens on the New York project, p. 2008. Has shown the Americans are averse to allowing the Canadian Government to build this canal, p. 2009. President Roosevelt's address to the Waterways Commission, p. 2010. Let us approach it as a work for the general advantage of Canada, p. 2011. Canada must have adequate waterways for harbours and commodious terminals, p. 2012.

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WHITE, G. N.—Last year presented some reasons why the great work should be undertaken, p. 1970. Expenditure, revenue, and traffic to Canadian canals, p. 1971-2. Traffic through St. Mary's Falls canal and the Canadian Sault, p. 1973-4. One of the greatest national projects proposed for many years, p. 1975. Some advantages of this route shown by the engineers, p. 1976. The length of the season of navigation, p. 1977. Quotes a letter of Tarte to the Premier on the French River route, p. 1978-9-80. Quotes Laurier on the motion of Thomas Murray in 1903, p. 1980-1. Regrettable such delay has occurred in the preparation of the final report, p. 1982.

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BERGERON, J. G. H.—Asks that report be printed and copies distributed—large demand, p. 12836.

PUGSLEY, Hon. WM.—Will take six weeks to print report, p. 12836-7.

HAGGART, HON. JOHN.—Asks when surveys will be brought down, that French River section come at once, p. 1740.

PUGSLEY, HON. WM.—French River practically complete, p. 1740.

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Mr. THOS. MURRAY (Pontiac).—Motion for copies of engineers' reports, plans, estimates, etc., survey made on French river and lake Nipissing, p. 1299.

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TRANSPORTATION FACILITIES (GOVERNMENT POLICY).

Mr. BORDEN.—P. 3432, moved for Committee of Supply.

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DEBATES ON "ROYAL COMMISSION ON TRANSPORTATION."

(Commission appointed 19th May, 1903. Reported in 1906.)

BENNETT, W. H. (East Simcoe).—Motion. Question has been before the country for past twenty years; is of great importance, p. 2038. Embraces movement of grain from west, quotes receipts of grain at Buffalo by decades from 1846 to 1896. American system of railroading has been successful in promoting trade from west to east, p. 2039. While progressing in matter of railways, the people of Canada have not failed to also emulate the United States in development of rail transportation, p. 2040. There is a great handicap upon Canadian vessels in competing with those owned by Americans, p. 2041. Government have not taken hold of problem in manner which they should; a purely Canadian policy would have been the best policy in interests of Dominion, p. 2042. Canadian Pacific Railway have to-day practically in course of construction a line from Victoria Harbour to Peterborough. Quotes evidence of Sir Thomas Shaughnessy before Railway Commission, p. 2043. Also C. M. Hays, pp. 2044-5. Also opinion expressed by commission as to making a national port of Midland, p. 2045. Canada Atlantic railway was never built as a first-class railway system. Grand Trunk Company propose concentrating business of Grand Trunk Pacific at Midland, p. 2046. If Government owned lake-front property, all railroads could come to Midland and have benefit of conditions prevailing, p. 2047. Means a great deal to Toronto to have national port at Midland, p. 2048. Export grain trade at Montreal has diminished nearly 10,000,000 bushels from years 1901 to 1904, despite expenditure of millions on port. Quotes report of *Ottawa Journal*, April 21 *re* "Wolvin

Line," p. 2049. Proper way to carry grain is by largest vessels on Great Lakes, and thus get advantage of water competition with railway system; question is: shall grain go by way of Buffalo or by way of Canada, p. 2050.—Distance from any point west of Great Lakes to Buffalo is a slower and longer running distance than distance to port of Midland; out of vast expenditure each year not a dollar is spent on work that will be available in future development of transportation system, p. 2051. Quotes report of Governor Simcoe made in year 1794 to Lords of Trade, p. 2052. Government should bring down a broad comprehensive plan at earliest possible moment, and concentrate efforts at some point on Georgian bay; Canada should make grasp for American trade on Great Lakes, p. 2053.

DEVLIN, E. B.—The transportation question is of such vital importance that it demands non-partisan treatment. Canada is today making greater progress than the United States. When the three great transcontinental railways are completed, Canadian trade will demand, as a necessity, additional channels of transportation, p. 3309. Mr. Schell (Glengarry) should have stated all the facts in connection with Georgian Bay canal. Quotes Mr. Sharley's report of the Ottawa and French River Navigation project. Canada has today a guarantee of immense and hitherto unthought of commercial prosperity, which justifies us in expending money on works which will prove a rich asset to the nation, p. 3310. Quotes rates on wheat via the Canadian Pacific railway during 1905 from principal wheat-shipping stations in the West to Fort William; rate by water is much less than that by rail, p. 3311. Quotes number of bushels that went forward from Fort William from 1899 to 1905. Quotes report made to Bureau of Statistics by Mr. Geo. G. Tunell, of Chicago, on Lake Commerce, dated February 3, 1898, p. 3312. Reads a report taken from *Engineering News* of New York, published March 5, 1903, pp. 3313-4. Will excel any country in matter of transportation, p. 3314.

HALL, R. R.—Quotes statement of Transportation Commission on pages 22 and 19 of report, p. 2053. Quotes Hon. R. L. Borden's speech at Peterborough, October 4, 1904, wishes to impress the importance of Trent Canal Waterway System, p. 2054. Quotes Deputy Minister of Railways and Canals, p. 2055. Whole Trent Canal Waterway system is very near completion, p. 2056. Many local advantages which could be derived from construction of canal, county of Peterborough would save, in coal alone, about $90,000 a year, p. 2057. Midland is the point where grain might be economically brought with view to taking it to the ocean ports, and Trent waterway affords cheap barge transportation between Midland and Montreal, p. 2058. Quotes statement prepared by L. Richards, traffic manager of American Cereal Company, p. 2059. Rates made by Grand Trunk Railway and Canadian Pacific Railway from Midland to Montreal are made to compete as far as possible with carriage of grain from Buffalo to New York, p. 2060. Cost of Trent canal per mile when completed will be about $47,169. Cost of keeping canal in repair is nothing compared with cost of maintaining and operating a railway line, p. 2061. Compares American freight rates with Canadian, p. 2062. If canal were built the milling industry along Trent canal would be stimulated, and water-powers will be developed, p. 2063. Of utmost importance to Canada that raw material which is produced should as far as possible be sent out to foreign markets in its manufactured state, pp. 2064-5. Rates charged by ocean vessels on flour do not handicap Canadian mills in favour of English mills as much as is supposed, p. 2066. In 1905 there was shipped from Canada only $5,890,258 worth of flour to Great Britain, Africa, West Indies, Newfoundland, Australia, and different countries of Europe. The Government of the state of New York

are expending upwards $100,000,000 in improving and deepening the Erie canal, p. 3279. Quotes Canadian freight information furnished by H. W. Richardson, of Kingston, grain dealer; also S. A. Thompson, of Duluth, Minn., furnished to Committee on Rivers and Harbours at Washington on April 11, 1898, pp. 3280-1. "A ship canal through Canadian territory would destroy American supremacy upon the Great Lakes." No canals can be built in the United States to compete with canals which may be constructed on Canadian territory, p. 3282. It is because the Germans have been so thoroughly alive to the importance of canal navigation and the improvement of their waterways that they have been able to make such an excellent showing in the financial and commercial world. There is no investment that this country could make better than to expend a large amount in improvement of waterways, p. 3282. If the United States could stand the enormous drains on her resources of forty-five years ago, we in Canada, who propose to make this century the century of Canada, could well afford to increase the national debt by upwards of $100,000,000 or $200,000,000, p. 3284.

HUGHES, S.—Compliments Mr. Hall for facts and figures on transportation. Explains Opposition leader's absence during discussion, p. 3285. Quotes citation from speech of leader of Opposition. Not one Liberal in that whole region was committed to Trent canal prior to 1896, and not one of them has been committed to it for some time, p. 3286. Mr. Hall who ought to know something about route, knew personally so little about construction of work that he had to quote from report of the Deputy Minister in order to place the facts before the House, p. 3287. Endorse the proposition of Mr. Clements (West Kent) for the construction of a waterway to connect lake St. Clair with lake Erie in order to facilitate transport of grain by that route; will endorse any reasonable proposition for development of other waterways, p. 3288.

HYMAN, Hon. CHAS.—Asks Mr. Bennett if he speaks by book when he says that Canadian Pacific Railway have in course of construction a line from Victoria Harbour to Peterborough, p. 2043.

PATERSON, HON. WM.—Asks distance from Midland to Port Hope, p. 2046.

SCHELL, J. T. (Glengarry).—The question most concerned in the method of transporting the produce of the western part of the country to the sea-board. The reason of the appointment of the Transportation Commission was to discover by which route our produce could reach tide-water the cheapest, and whether we can take it there cheaper than it can be taken through American ports, p. 3294. Traces development of railroads from 1873. It has taken over twenty years to wear out the old rolling stock, to relay the rails, to build new rolling stock and to put the roads in a position to handle freight so as to compete with the canal system. The St. Lawrence and Erie canals are practically put out of business by railroads, p. 3295. It is a question as to the amount of money we shall spend in developing our water routes as against railroad carriage, p. 3296. Quotes rates on wheat prevalent on certain railroads, p. 3297. Quotes rates on wheat prevalent on lakes. Shall it be the Trent Valley canal or the railways or the Georgian Bay canal that shall carry our produce from Georgian bay to tide-water, p. 3298. Are we going to build the Georgian Bay canal at a cost of from $100,000,000 to $120,000,000, p. 3299. If the Government propose to expend that large amount on the Georgian Bay canal, I say, halt! give it as a bonus to the railways until our system is a little better developed. Quotes statement from Trade and Commerce Department dealing with year 1904-5. Exports of wheat from the United States are growing less each year; quotes exports of domestic wheat from the United States through port of New York from

1902 to 1905. Quotes exports of wheat from all other ports of United States, p. 3300. Quotes amount of foreign wheat exported from the port of New York from 1902 to 1905. We must equip Port Colborne to make it equal to Buffalo. Whenever a small vessel going through the St. Lawrence canals takes its load from the Upper Lakes the freight is costing considerably more than it should if the grain were carried on a large vessel to Port Colborne and then transhipped into vessels of proper size on the Welland canal, p. 3301. Within recent years there have been as much as 10,000,000 bushels of American corn carried out through Canadian ports to Montreal. If the port of Port Colborne elevators are properly constructed and Montreal harbour properly equipped, that will be the largest corn-carrying route this continent has seen, p. 3302. We ought not to build the Georgian Bay canal; good railway rates more effective and more important p. 3303. Believes the Grand Trunk Pacific will carry grain all through the winter and deliver it at a profitable rate at the port of St. John. Hopes Halifax in the not distant future will be port for Northwest; has not a word to say against building of Trent Valley canal, p. 3304. Rail carriage has to-day entirely superseded any canal traffic that there is on the continent of America. Comparison of Canadian railways and canals with German railways and canals is absurd. In this country and in the United States, scientific minds have devoted themselves in lowering the freight rates on railways, p. 3305. With heavier equipment on railways, present rates will be cut nearly in two; railroad authorities state that difference between cost of hauling on a 1 per cent grade or three-ten or four-ten per cent grade is equal to forty per cent. This country would not be warranted in building Georgian Bay canal because of what lies in the future, p. 3306. Jim Hill wants canal because it will benefit Jim Hill, p. 3307. The more prosperous the West is, and the cheaper the western farmers can get their products to the markets of the world, the more prosperous and progressive will be the commercial life of Canada generally, p. 3308.

WATSON, R. J. (Parry Sound).—There should be no arguments at all on question of transportation, p. 3288. Depot Harbour is one of the best harbours on Georgian bay, and the railway line going out of Depot Harbour is not sufficient to afford accommodation necessary for a large grain traffic. Does not think House ought to adopt report of Transportation Commission in its entirety, p. 3289. Quotes twelve ports chosen by commission as national ports. Points out some details of programme recommended by Transportation Commission. Would accomplish purpose of House much better to consider question in a smaller committee, p. 3290. The relative failure of the St. Lawrence canal route is due to the fact that the ocean terminus of that route—Montreal harbour—has never been adapted to handle a large traffic coming to it from the Upper Lakes. Is it not a fact that during the summer a large quantity of freight destined for Europe passes through Montreal and reaches its destination by way of Boston and Portland, p. 3291. The Transportation Commission has virtually submitted for the consideration of the Government (4) four Canadian routes by which the products of the West can reach ocean navigation, p. 3292. The Government deserves great credit for the steps they have taken in having a complete and thorough survey made for the great project of the Georgian Bay canal; refers to the three great railways of Canada, p. 3293.

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Fish Hatcheries in Committee of Supply, p. 4959.

Georgian Bay surveys, etc., Committee of Supply, p. 4298.

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SCOTT, HON.—Answer, p. 234. New Dominion Syndicate of London, Eng., for Government aid at a depth of 14 feet. Government guarantee interest of 2½ per cent on $25,000,000 of the company's bonds for twenty-five years.

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